

DOT: Building a Document Organization Tool for Domain Experts





Public Defender

Prior Cases involving Officer Tom

- Patterns
- Misconduct filings

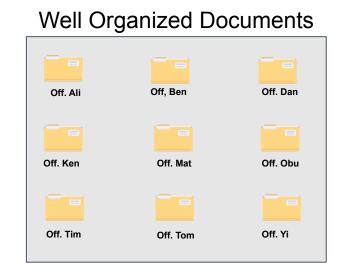


Court

In an ideal scenario...



Public Defender





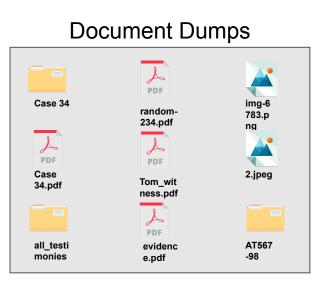
Court

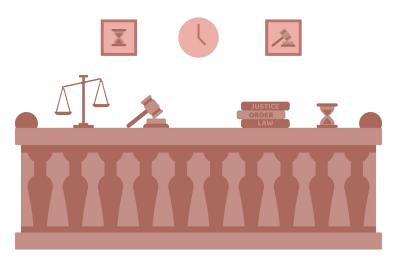


3



Public Defender



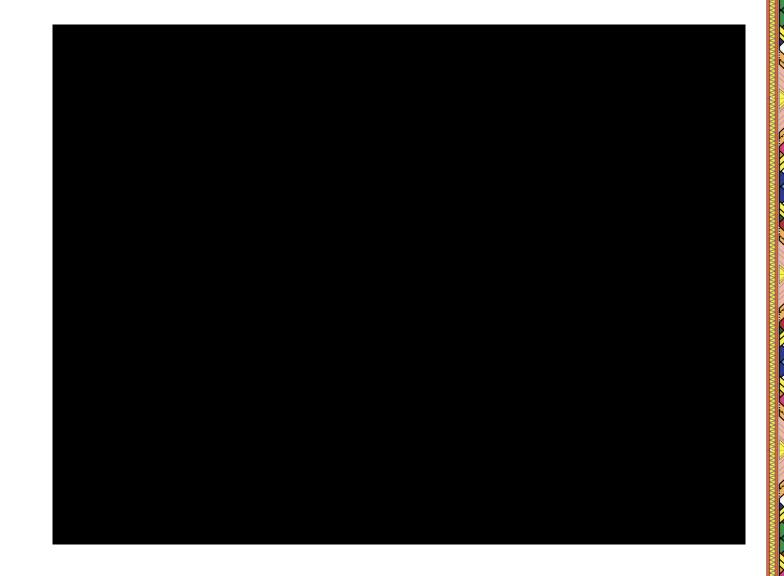


Court



4

1. Volume of data makes it hard to work through manually.



1. Volume

2. Duplicate files exist with in the data, wasting manual efforts in processing.

STE APRILIAN	The Distance of States	н ан -
D. David Maria 13		
The second second	Table of contractor base and	C Illester
And	8	Real Date 200
manch betreown	KIRA KIVINDAMEL G	n w oscienter
	and the second	VC18



1. Volume.

2. Duplicates.

Data exhibits different page types, making it hard to find the data points of interest fast.

<form></form>		chever			INCIDENT REPORT		NEVADA COUNTY SHERIFF'S O	FFICE	
<form></form>			KEITH ROYAL						
<form><form><form><form><form><form><form><form><form><form><form></form></form></form></form></form></form></form></form></form></form></form>	SHE	RIFF'S OFFICE	PUBLIC ADMINISTRATOR		116 8	28	manuer honor loade loss	(a)(4).	197.4
<form> m Criterio d'Alexandration d'Alexandration de l'Alexandration de l'Alexandratio</form>		10			DISCRIPTION		BLK BLK		18
<form></form>					LEATHERM.	AN STYLE KNIPE			
<form><form><form><form><form><form><form><form><form><form><form><form></form></form></form></form></form></form></form></form></form></form></form></form>	RE:	NOTICE OF ADMINISTRATIVE INVI	ESTIGATION AND INTERVIEW		XEVIDENC	L INFORMATION	TOUND		
<form><form><form><form><form><form><form><form><form><form><form><form><form><form><form><form><form></form></form></form></form></form></form></form></form></form></form></form></form></form></form></form></form></form>	DATE:	March 5, 2018			117 E	64	0.00	aristic.	THEFT
<form><form><form><form><form><form><form><form><form><form><form><form><form><form><form><form></form></form></form></form></form></form></form></form></form></form></form></form></form></form></form></form>	70		ee BN/		Conception of		LAV LAV		
<form></form>			(C())PY IA 20	18 - oo l	COMPANY				
<form></form>	FROM:	Lieutenant Walsh/Sergeant Tyner			ADDITION	LINFORMATION	T FOUND		
<form><form><form><form><form></form></form></form></form></form>						177	LANE .	MOGEL	
<form><form><form><form><form></form></form></form></form></form>	An invest	stigation of suspected misconduct by an ad. You have been identified as:	employee or member of this department	s being	LENDA, SCHEDT		BLX BLK		1
<form>A property of the property interproperty interproperty in the property interproperty in the property interproperty in the property interproperty interpr</form>	1 10	The employee eveneted of education	Faralasian and an associated of sola					- A	X
<form>A where the nuclear is nuclear interview in the nuclear interview is nuclear</form>	should b	e aware that subsequent investigation/tes	timony may be used against them in admir	istrative	ADDITION	L INFORMATION	IT man	- 1.	
<form>A where the nuclear is nuclear interview in the nuclear interview is nuclear</form>	suspecte	ad are entitled to specific procedural rights	s under Government Code Section 3300 et	seq., or	Coloring Anacolated	20	8.4-2	4000	0
<form>A where the nucleon is nucleon. Proceedings of the nucleon is nucleon in the nucleon in the nucleon is nucleon in the nucleon in the nucleon is nucleon in the nucleon in the nucleon is nucleon in the nucleon in the nucleon is nucleon in the nucleon in the nucleon in the nucleon is nucleon in the nucleon in the nucleon is nucleon in the nucleon in the nucleon in the nucleon is nucleon in the nucleon in the nucleon in the nucleon is nucleon in the nucleon in the nucleon in the nucleon in the nucleon is nucleon in the nucleon in the nucleon in the nucleon is nucleon in the nucleon</form>	right to r	t to labor agreements between their barg representation by a person of their choor	paining unit and the county. These rights in sing who is not involved in the same inve	clude a tigation	DOGA, ICABOR		0,44977 004.00 0000 064	1	elte
<form>A where the nuclear is nuclear interview in the nuclear interview is nuclear</form>	either as	a witness or suspect. If desired, it is the	employee's responsibility to secure repres	entation	E-707 / WOR	PLACE PLECTRONIC HOL	TRIBUT		
	1 0	witness to the incident. Remembel inter	downed as witnessess are solther the suble	t of the	ADDITION	AL INFORMATION	H OTHER CHORDS		
	investiga	ation nor is a punitive action proposed or	contemplated against the employee as a	esult of			FOUND	4606.	
	the alleg Sheriff to	ped incident at this time. As this is an ac o cooperate and answer all guestions ask	dministrative inquiry, you are being ordere and of you truthfully. Failure to cooperate or	answer	120 1	Di C	Gamelin GRON COLDS ON		40.0
	question	is truthfully will be deemed as insubordina ation information is discovered wherein nu	ation, and punitive action will be taken. If du	ring the			1		_
	advised	of that fact and offered all of those rights	afforded to an employee suspected of mis-	onduct.	ADDITION	AL INFORMATION			
	involved	in the same investigation either as a w	witness or suspect. If desired, it is the em	bloyee's	X EVIDEN	24 Jun		MCC61	
	responsi	ionity to secure representation prior to the	date and one of the scheduled interview.		121 F	1a	BOLAND Buddiffy COUR COUR DRI		100
	In order and/or of	to complete this investigation, you are re bservations as soon as possible. You are	equired to furnish a detailed account of you a hereby instructed not to discuss the subst	r action ance of	E-709 / SPE	AKER			-
					ADDITION	AL INFORMATION			
	J Ci	ontact this investigator as soon as possible	e, but no later thanat telephone	number	X CVIDEN	10	FOLNO		
entire TBD you will be notified in writing.) Prox Date 518776 Pege 12 Rev. Date 5147746 Pege 14 Pege			terview.		NARRATIVE				
Not Date 1971 Par 12 Rescue 2971 Par 11 Prescue 2071 Par 11 Prescue 2071 Par 2011	Interview 1	TBD you will be notified in writing.)			SUPPLEMENTAL R				
Not Date 1971 Par 12 Rescue 2971 Par 11 Prescue 2071 Par 11 Prescue 2071 Par 2011					On October 31 st ,	2018, Detective	and I responded to the storage	a facility where	e the sur
ProvideOS 22:213 - Alf Type: Page 1 of 1 Pursual OS 22:223 - Alf Type: Page 1 of 1 Pursual OS 22:223 - Alf Type: Page 1 of 1 Pursual OS 22:233 - Alf Type: Aft Type: Aft Type: Texture and the standard is a subject to the based data of forward 23:2323. Texture and the standard is a subject to the based data of forward 23:2323. Texture and the standard is a subject to the based data of forward 23:2323. Texture and the standard is a subject to the based data of forward 23:2323. Texture and the standard is a subject to the based data of forward 23:2323. Texture and the standard is a subject to the based data of forward 23:2323. Texture and the standard is a subject to the based data of forward 23:2323. Texture and the standard is a subject to the based data of forward 23:2323. Texture and the standard is a subject to the based data of forward 23:2323. Texture and the standard is a subject to the based data of forward 23:2323. Texture and the standard is a subject to the based data of forward 23:2323. Texture and the standard is a subject to the based data of forward 23:2323. Texture and the standard is a subject to the based data of forward 23:2323. Texture and the standard is a subject to the based data of forward 23:2323. Texture and the standard is a subject to the based data of forward 23:2323. Texture and the standard is a subject to the based data of forward 24:2323. Texture and the standard is a subject to the subject to					her.	us a victim of a burgla	ry in Nevada City (NOPD report	C1800156].	10.01
Re: Dot 11/2007 MILL Control Address and address and address that address addr		D.1., D.1. 0107/17	Prov 12		Several items belo		vere collected and booked into t	the Sheriff's P	voperty
Presido 03 22213 - Jeff Typer Peg 1 of 1 Pursuit/OJS 2/22/18 Aff Typer The manufacture and Main bases grant on that of the heavies Courty denty of the intervent of the source of the s		Print Date 01/07/16	rage 12		section of report f				
Af Type Texture Textur			Rev. Date 01/-1/2016		886-10-6545 v1.4	POLIS 2/2000 104234	AA 99: 300	PORI	COPICIN, SI
Af Type Texture Textur		Pumiti OIS 2/2/18 - Jeff Tyner			FMS-738-5545 v1.6	POLISE 2/2000 104234	AA1907 3000	P08-	COPPICAL ST
At Type: The senses was used. The senses was a sense sense s		ParasikOSS 2/22/18 - Jeff Tyner			5465-126-6545 v1.6	POWNER 202000 104204	AMIN' 200	POR -	e omnicale. La
At Type: The senses was used. The senses was a sense sense s					Rest: 120-0545 v1.6		AAR 20 192	Post-	a ann can sa
Control water and the intervention of the three control start (from intervention of the start (from intervention of the start (from intervention of the start) o	C				for 7	tte tím	reine ruo	roa. 7. <i>Q.</i> 1	erran un
In modering in benefition in build after blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Beeff 97(80) is i	C	Pursuit/OIS 2/22/18			for 7	fte time	Leing sugar		
In modering in benefition in build after blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Beeff 97(80) is i	Ó	Pursuit/OIS-2/22/18 Jeff Tyner			Former	fty time gatzpa k	Leing sugar	glain	ngp.
In modering in benefition in build after blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Beeff 97(80) is i	C	Pursuit/OIS-2/22/18 Jeff Tyner			Former	fty time gatzpa k	Leing sugar	glain	ngp.
In modering in benefition in build after blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Courty Beeff 97(80) is inference to be accessed of the blowle Beeff 97(80) is i	C	Pursuit/OIS-2/22/18 Jeff Tyner			Former	fty time gatzpa k	Leing sugar	glain	ngp.
networks the format which as index in a negative the investigation and anotype that the rest of the format which are negative to the investigation and anotype that interview in a string with the view as <u>items</u> . The served view of the serv	Ó	Pursuit/OIS 2/22/18 Jeff Tyner The Jobarts for AM			Former	fty time gatzpa k	Leing sugar	glain	yp
In interest intege as increase with you is a shire to be investigated and activate that Sequent MT have Sequ	0	Pursuit/OIS 2/22/18	Page 1 of 1		Tor T invest 25 apres 26 apres	the time tool for to also the period of the second the autim	Betne supe a, set twill we beger with the first see super so first	glain	ngp.
In instructed in string on instrume with our a <u>string of the instrument</u> and antiquest but Registed Type: Registed Type: R	0	Pursuit/OIS 2/22/18	Page (of)		Tor T invest 25 apres 26 apres	the time tool for to also the period of the second the autim	Betne supe a, set twill we beger with the first see super so first	glain	ngp.
ne de nort y de la construit d	C	Pursuit/OIS 2/22/18	Page (of)		TMC TMC TMC TMC Utal	ty time galfor k als de for ga ou g tu austin 4 Mac. & una lib	Ceing Juga the cold curly of the construction of the sector of the construction that the construction that the construction the construction of the construction of the construction of the construction the construction of the construction of the construction of the construction the construction of the construct	alain Degoi Degoi Legoi	raje tiny ani
Nexis Court party (Bits) Party (Line (Court)) Nexis Court party (Line (C	Ċ	Pursuit/OIS 2/22/18	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocang called Fabruary 22, 2018.		The gras	fte time ant for to the flesser of the austrice the austrice the austrice the austrice the austrice of Mac.	Contro super a calle tuell occ la calle tuell occ la calle of tuell occ la calle of autor care so Just gover ste sond	alain Dregoi De is deres	raje tiny ani
Bind Cano. 1999 Bind Cano. 1999 Bind Cano. 1999 Bind Cano. 1999 Bind Cano. 1999 Bind Cano. 1999 Bind Cano. 1997 Bind C	,C	Pursuit/OIS 2/22/18 Jeff Tyner Tabatara to ease Greenag. Line conducting an internal Affairs Investigation on the internal of the Pursuit which earlies in a model of the Internal Affairs Investigation on the internal of the Internal Affairs Internal Affairs Internal Affairs Internal Affairs Internal Affairs Internal Affairs Internal Affairs Internal Affairs Internal Affairs Internal Affairs Internal Affairs Internal Affairs Internal Affairs Internal Affairs	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocancy Calls Fig. 10		Ton - Ton and a constant of the great of the	fte Sime gategate alle de la gategate gategate gategate de auto of Mac. bee lik bee lik bee sie d	Ceing Jupo a cold turly c la cold turly c latter full for latter for to full and control of a game to read	glain Digi Difi is Idres dares	ane
(19) 185-133 barbane (19) 185-133 barbane (19) 185-031 barbane	¢	Pursuit/OIS 2/22/18 Aff Tyner Tue conducting an Internal Affain Investigation on In- Tue conducting an Internal Affain Investigation on In We record include that you regulated to due soon The Internal In Origina on Internal Info	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocancy Calls Fig. 10		The gas The gas The gas The gas The gas and the gas	fte Semi gat jors k Lanser Lanser of Star of the autor the autor Second like for soul genet soul	Congression Congr	alain Dregoi Diffis deres gae si houe	ane
(50) 35 4551 Per	0	Pursuit/OIS 2/22/18 MT year to access to acces	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocancy Calls Fig. 10		for 2 innut te gas te gas the gas TMC Utal gast gendin ganf	fte Semi gat jors k Lanser Lanser of Star of the autor the autor Second like for soul genet soul	Congression Congr	alain Dregoi Diffis deres gae si houe	ane
Withing the books as the set of t	0	Pursuit/OIS 2/22/18 Aff Tyner Turcodaling a hitmeni Affain huestgation of hit Turcodaling a hitmeni Affain huestgation of hit Turcodaling a hitmeni Affain huestgation of hit My received incides that you regulated to de soon The hitmenia for any a businesses with you have the hitmenia of the hitmenia and the hitmenia Segment Affain menia of the hitmenia of the hitmenia of the hitmenia Segment Affain menia of the hitmenia of the hitmenia Segment Affain menia of the hitmenia of the hitmenia of the hitmenia of the hitmenia of the hitmenia Segment Affain menia of the hitmenia of the hitmen	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocancy Calls Fig. 10		Ten a invest con see ten se	lts time gar for k there can be the for autom the autom the autom the second second to part autom and base garantees	City Juga Martinely Congress will be the status of suit and suit of suit and suit of suit grant to and grant to and grant to and grant to and mart to flow of mart to flow of the suit strong of	olain Dagoi Ugis deres d	ane ane 2-i
Brite affect and the a	0	Pursuit/OIS 2/22/18 Mit Type Textback of the second	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocancy Calls Fig. 10		For the second s	f <u>te</u> time gat on k These of all of the po get are a the austin G Mac. Level the d genet and call here generation generat	Centry Jupe 19, cold with your to any cold with any of the start of the core of the start form to any the months the start form the start months the start form the start of the conserver of the conserver of the start water the second	olain Drepoi Diffis address geve su address addres address address address address add	ane ane 201
b June Ball Constructions and the second sec		Pursuit/OIS 2/22/18 Mit Type Textback of the second	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocancy Calls Fig. 10		Ten and constant constant constant constant constant for general general general general general general general general general general general	12. Jemi galger karden 2 franzer 2 franzer 2 franzer 2 Mac. 2 Ma	Control of the second s	vlain Dagoi Valis Sara Sara Sara Sara Sara Sara Sara Sar	ane ane 201
a de Strand - Eldo (** big zakreje bela de 1 K. kon : 1 K. kon :	0	Pursuit/OIS 2/22/18 Mit Type Textback of the second	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocancy Calls Fig. 10		101-2 invest 100-20	fte time option b the time to the time to the time to the time to the time period to period to period to period to period to period to period to the time the time th	Congo Jugo Congo Julyon Congo Julyon Congo Santo Congo Conce Santo Justi and Congo Santo S	alain 1) regei 1) regei 1) regei 2) reg	rafe and and 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
L. Johns, J. L. ander J. Schull (1997) (2007) kopiner for each of the section of the formation of the section of		Pursuit/OIS 2/22/18 Mit Type Textback of the second	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocancy Calls Fig. 10		101 - 2 1 - 201 -	12 June 191 June be 19	Ling yapa to all the part lang and the part lang the part lang the part part to any part t	alain) repoi) repoi) repoi ver so ver	all and
koping/ter unit spile a set tant follow for the set of		Pursuit/OIS 2/22/18 Mit Type Textback of the second	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocancy Calls Fig. 10		100 - 20 	fte Store gat jore h Har Core h H	Elizy, up a by addition by a super super super super arc so so so so you to so so so we super su	alain) repoi 1017 is solares solar	ane some some some some some some some som
Longer House a set of the former of the set		Pursuit/OIS 2/22/18 Mit Type Textback of the second	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocancy Calls Fig. 10		for an constant the gas the gas	12 Jane 12 Jane 2 Jane 2 Jane 2 Jane 2 Jane 2 Mac 2	Elizy, up a by addition by a super super super super arc so so so so you to so so so we super su	alain) repoi 1017 is solares solar	ane some some some some some some some som
A A (1 - 52) propher state for the ange of the product of the approximation of the approxima		Pursuit/OIS 2/22/18 Mit Type Textback of the second	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocancy Calls Fig. 10		1 to a second se	fte Simo ger for h Here co ale 2 be po ger see a for a set of Mac. 6 Mac. 6 Mac. 9 Mac. 9 more 1 and 1 and 1 gene Simo 1 geneS	Letry, upo by additionary of the second second second activity of and the grant second second activity of a second	alain Lapa Lates dares dares dares alain a	ane some some some some some some some som
To a gold a tary of the first and an a start of the second s		Pursuit/OIS 2/22/18 Mit Type Textback of the second	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocang called Fabruary 22, 2018.		1 to a second se	112 Janie 112 Janes & 12 Janes & 12 Janes & 12 Janes & 12 Janes & 14 Mac 14 Mac 14 Mac 14 Janes Mac 14 Janes - 14 J	Control of the second s	alain La con dara dar	rafe tiny and tiny and tiny gift to cont to cont to cont to cont to cont to to to to to to to to to to to to to
libert and the dust from white the dust full		Pursuit/OIS 2/22/18 Mit Type Textback of the second	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocang called Fabruary 22, 2018.		1 to a second se	Les James 1915 - James Ja 1916 - James Ja 1917 - James Ja 1917 - James Ja 1918 - James Ja 1918 - Jacoberto 1918 -	Cellegy, super Standard S	nlain Lapa Lares L	rafe tiny and and source source gase fase fase fase fase fase fase fase f
Eliterit and the burder course shat the unices quite Lovie year <u>2006</u> - <u>2006</u> - Unite		Pursuit/OIS 2/22/18 Mit Type Textback of the second	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocang called Fabruary 22, 2018.		100	fter Simon get joers h get joers h get joers h get	Eing up a to all the second s	nlain 1. nego 1. ne	ane se se s
illion graf Love yor flad Mith	0	Pursuit/OIS 2/22/18 Mit Type Textback of the second	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocang called Fabruary 22, 2018.		10	fter Sime for Sime of the Sime con- of the Sime con- of the second single of Mac- Sime	Congression Congr	rlain 1. appi 1. ap	and and and and and and and and
otto voue gout have some	0	Pursuit/OIS 2/22/18 Mit Type Textback of the second	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocang called Fabruary 22, 2018.		10	fter Sime for Sime of the Sime con- of the Sime con- of the second single of Mac- Sime	Congression Congr	vlain Lapoi Lapo	ance ance 2 2 2 2 2 2 2 2 2 2 2 2 2
	0	Pursuit/OIS 2/22/18 Mit Type Textback of the second	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocang called Fabruary 22, 2018.		Terrent opened terrent tere	fter stimu fter stimu to find for the for the second of for the second of for Mac. for Mac	Congression Galleria Congression Congress	vlain Lapoi Lapo	ane ane ane ane ane ane ane ane ane ane
		Pursuit/OIS 2/22/18 Mit Type Textback of the second	Page 1 of 1 white of the Newski County Shereff's Office In Mitter Included Flocang called Fabruary 22, 2018.		Terrent opened terrent tere	fter stimu fter stimu to find for the for the second of for the second of for Mac. for Mac	Congression Galleria Congression Congress	vlain Lapoi Lapo	ance ance 2 2 2 2 2 2 2 2 2 2 2 2 2

1. Volume.

2. Duplicates.

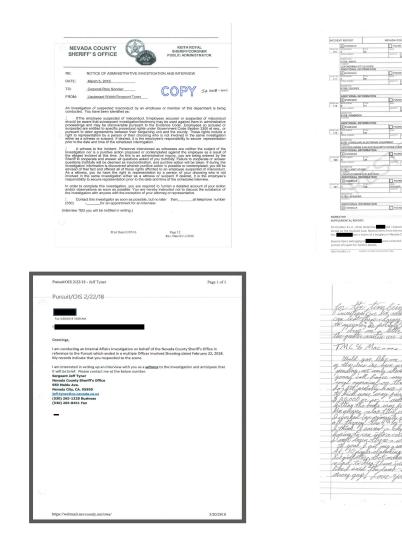
Data exhibits different page types, making it hard to find the data points of interest fast.

	INC	IDENT REPORT		NEVADA COUNTY SHERIFF'S OFFICE	110
453R/10	(0.1	EVIDENCE NV0.VENENT	1994	FOUND -	
NEVADA COUNTY		10 E SERVIC RADOR	119	GUNNINY DOUGH COLDI CHI	827 HD
SHERIFF'S OFFICE		MICHPICH B. TOALLWHIT		1 0655 1055 1	RS Cor
PUBLIC ADMINISTRATOR		E-704 / KNIPE	YLE KNIFE		195
20181		ADDITIONAL IN	ORMATION	FOUND	
		ENDENCE N/10 INCOMENT	1010	Lanz ACCOL	
RE: NOTICE OF ADMINISTRATIVE INVESTIGATION AND INTERVIEW		17 B	108	DIANTITY COLOR COLOR CAN	7407.60
DATE: March 5, 2018		E-705 / GLOVES		Lav Lav	R
		CONNENT			181
TO: Corporal Rory Sonnier COPY IA 2018 - 001		ADDITIONAL IN	ORMATION	FOUND	
FROM: Lieutenant Walsh/Sergeant Typer	167	EVIDENCE	Iner	FOUND WORK	-
	64	18 E	77	GLANETTY COLOR COLOR DAN BLK BLK	INT IS
An investigation of suspected misconduct by an employee or member of this department is being conducted. You have been identified as:		069092104		IBLK IBLK	R
conducted. You have been identified as:		E-786 / HANNOC		16	
A The entropyee papeded of initiationed, Entropyee accuracy or aspectate of miscontrol status of the entropy		ADDITIONAL IN	FORMATION		
proceedings and may be discoverable pursuant to the Evidence Code. Employees to accurate or	100	X EVIDENCE	Trav	FOUND	
suspected are entitled to specific procedural rights under Government Code Section 3300 et seq., or pursuant to labor annements between their bargaining unit and the county. Those initia initials and		119 E	26	GUANTIY ICLOS ICOLDS TORS	607.140
right to representation by a person of their choosing who is not involved in the same investigation		DEDUCTION			P
either as a witness or suspect, it desired, it is the employee's responsibility to secure representation prior to the date and time of the scheduled interrogation.			E ELECTRONIC EG		i
A selection to the Incident December 2 incident as other and a selection of the selection of the		LOCATED INSIDE ADDITIONAL IN	A BLACK BAG WI	TH OTHER CHORDS	
A shorts to be incident. Preserved interviewed an advectance are under the added of the methydron on the incident. Preserved interviewed the competitive adjust the employee in a range of the employee incident and the proposed of the employee and the employee in a range of the employee incident and a server of a served and adjust of the one benchmark of the employee in a server and the employee and the employee and the employee and the employee in a trans- titive and the employee and the employee and the employee and the employee and the adjust of the employee and the employee and the employee and the employee and the adjust of the employee and the employee and the employee and the employee and the adjust of the employee and the employee and the employee and the employee and the adjust of the employee and the employee and the employee and the employee and the employee and the employee and the employee and the employee and the adjust of the employee and the employee and the employee and the employee and the adjust of the employee and the employee and the employee and the employee and the adjust of the employee and the adjust of the the employee and the employee and the adjust of the the employee and the adjust of the the the employee and the adjust of the the the the adjust of the the the the adjust of the adjust of the the adjust of the adjust of the the adjust of the adjust		X EVIDENCE		FOUND	
the atteged incident at this time. As this is an administrative inguiny, you are being ordered by the Shorth to connected and answer all causelines eaked of you to though the balance to connected an answer	1.51	120 E	29	LAGO MODEL	
questions truthfully will be deemed as insubordination, and punitive action will be taken. If during the		TERC HOMEN	6	GLANTER COLOR COLOR ON	10ET 5/7
investigation intormation is discovered wherein punitive action is possible or contemplated, you will be advised of that fact and offered all of those rights afforded to an employee suspected of misconduct		E-781 / LIGHT ST	AND		
As a witness, you do have the right to representation by a person of your choosing who is not		ADDITIONAL IN		1	
monvex in the same investigation either as a witness or suspect. If desired, it is the employee's responsibility to secure representation prior to the date and time of the scheduled interview.		ADDITIONAL IN	FORMATION	D FOUND	
la entre la generale file investigation una seculari la facilità e delativa esperar el eferenzation	122	CALEYMENCE	time .		
In order to complete this investigation, you are required to furrish a detailed account of your action and/or observations as soon as possible. You are hereby instructed not to discuss the substance of the investigation with anyona with the accordance of your altionmary or representative.		121 P	154	2,801AND 2,807TT7 COUD1 COUD1 CAN	ALF MD
the investigation with anyone with the exception of your attorney or representative.		CELEVITION			
Contact this investigator as soon as possible but no later, than at telephone number		E-759 / SPEAKER			
		ADDITIONAL IN	FORMATION		
(Interview TBD you will be notified in writing.)		X EVIDENCE		FOUND	
	N.	RRATIVE	PT-		
Print Date 01/07/16 Page 12		Out-these 32 et	Detection	and I responded to the storage facility w	have the susru
Rev. Date 01/-1/2016	St.	ored on the involved	case. Several iter	ns from the involved vehicle had been iden iny in Nevada City (NCPD report C1800156)	cined by
	54	veral items belongin	; to	were collected and booked into the Sheriff	s Property Uni
	50	ction of report for fu	ther details.		
Panel2015 22218 - Arlf Typer Page 1 of 1			×	54	
		1	×		
Parsis 005 222/11-JeffTyner Page 1 of 1 Pursuit/OIS 2/22/18				t= 0 -	<i>N= -</i>
		for	Atre J		
			Ate pr	1. LA rabituelly contai	
Pursuit/OIS 2/22/18		C.et.	1 Hout	1. Kin addituely contai	map
Pursuit/OIS 2/22/18		C.et.	1 Hout	1. Kin addituely contai	map
Pursuit/OIS 2/22/18 Jett Tyner		C.et.	1 Hout	1. Kin addituely contai	map
Pursult/OIS 2/22/18 Aft Typer Turable I No M		C.et.	1 Hout	1. Kin addituely contai	map
Pursuit/OIS 2/22/18 Jeff Tyner		to ap	leat thes again the ange me under an	r kir, albetualy calar e-charger willout re get still just be cal get aller get will st two are so just addr	map
Pursuit/OIS 2/22/18 Jeff Tyner Ta Satative valeram Genetings		to ap	leat thes again the ange me under an	r kir, albetualy calar e-charger willout re get still just be cal get aller get will st two are so just addr	map
Pursuit//OIS 2/22/8		to ap	1 Hout	r kir, albetualy calar e-charger willout re get still just be cal get aller get will st two are so just addr	map
Pursuit/OIS 2/22/18		the g	leat this acat this dage mi activ au c 46 M	a kit, rolletinely caller exclosing without ne e periodity with be cool of caller of with set ation are so just addr ation are so just addr	n-ge soiting ise esa-it
Pursuit/OIS 2/22/18 All Typer Taxabarri to man Taxabarri		The g	leat this and the dage me uster au C 96 N ald work	2. kit, addetiisty catter ie chagges will bout a gol getobyte gol getobyte gol will by un care so just adde ac like om to sood am	n ye witing in ess-it
Pursuit/OIS 2/22/18 With Jone County		The g	leal this again the drop me adder and c % M add you e doce is	2. his addition of a contain a contained in the contain a contained in the contain a contained and a south addition a contained a contained like one to avoid you	nap soiting ise est-it
Pursuit//OIS 2/22/18 Aft Tyner Tax bittory to stand Target Tax bittory to stand Target		TM TM TM TM TM UI 9-30 400	leat this again to anot me adden and C % N ald you gloce is ling, not -	e ki califical gentar se hores will not re politik just he cool of the construction ac like me to sond you be here propring on ho	nap soiting ise
Pursuit/OIS 2/22/8 Mit Tyner Uncertainty of the Annual Advancement of the Advancement of th		TM TM TM TM TM UI 9-30 400	leat flus ugals " ung mo unter au under au ung not ung not	a kit alkhirit se dagagi utilovit na follogi suit ne cool o della fini ne cool o della fini ante so to della se della dito o ante so litto o ante so utilo que so ante so only allabette of quest	nap soling ise est it
Pursuit/OIS 2/22/18 Mit Type Taisbates takes Mit Type Taisbates takes Mit Type Taisbates takes Mit Type Taisbates Mit Ty		Cope- to ap the q TM q the q the period	leat flus ugals " ung mo unter au under au ung not ung not	a kit alkhirit se dagagi utilovit na follogi suit ne cool o della fini ne cool o della fini ante so to della se della dito o ante so litto o ante so utilo que so ante so only allabette of quest	nap soling ise est it
Pursuit/OIS 2/22/18 Aff Tyner texators as as Former Terretors as an Former Terretor to the insurant which and the insurant provide the threads Course Sheriffy Office in reference to the insurant which node is a multiple Officer involved Shoring cased Relaxiny 22, 2018. Affecting can interret a histing can interretorie with you as a <u>whitese</u> to the investigation and anticipate that the last office office in the last office office office office in the last office		Cope- to ap the q TM q the q the period	leat flus ugals " ung mo unter au under au ung not ung not	a bit all thely carter in a set of a se	n ge soting tre est-it some ue a go, occu
Pursuit/OIS 2/22/18 Aff Type: Tai basine to the second of		Cope- to of The g TM g ti g to gene cong to bo	leat this again the addie and adde and all you buy not - agencies agencies agencies	e, bet, alleftially content in large will out in peters of the second second the content of the second accession to any second like years to avoid you will advert any second you be developed any based only allebable of yours.	n ge soting tre est-it some ue a go, occu
Pursuit/OIS 2/22/8 Aff Typer Image: The statement of the first several provided of the Newski Courty Sterify Office in the statement of the statement of the Newski Courty Sterify Office in the statement of the statement of the Newski Courty Sterify Office in the statement of the statement of the statement of the Newski Courty Sterify Office in the statement of the statement of the statement of the Newski Courty Sterify Office in the statement of the statement of the statement of the Newski Courty Sterify Office in the statement of the statement of the statement of the Newski Courty Sterify Office in the statement of the statement of the Statement of the Newski Courty Sterify Office in the state bard, Newski Courted on an attribute to the Newski Court of the Newski Court of the Newski Court of the Statement of the Newski Court of th		Cope- to of The g TM g ti g to gene cong to bo	leat this again the addie and adde and all you buy not - agencies agencies agencies	e, bet, alleftially content in large will out in peters of the second second the content of the second accession to any second like years to avoid you will advert any second you be developed any large for the second second second to a second second second second second to a second second second second second to a second second second second to a second second second second second second to a second second second second second second second to a second second second second second second to a second secon	noge soling ise est it some some a go, oct copped uto,
Pursuit/XOIS 2/22/18 Mf Typer Technics resonance description descr		Cope- to of The g TM g ti g to gene cong to bo	leat this again the addie and adde and all you buy not - agencies agencies agencies	e, bet, alleftially content in large will out in peters of the second second the content of the second accession to any second like years to avoid you will advert any second you be developed any large for the second second second to a second second second second second to a second second second second second to a second second second second to a second second second second second second to a second second second second second second second to a second second second second second second to a second secon	noge soling isi esta it some 20,0000 elle elle elle
Unsuit/OIS 2/22/8 Mit Type To base of the first several generation to hard of the Needs Causers Need? Office In Controls.		Cope to op The g TM g th g th g to g to g to g to g to g to g to g to	le al Aria agala di ang mu adta anu C 96 N all you agan agan agan agan agan agan agan aga	a hitz galletting of the or a spage suite from the spage participation with the spage the suite over so first address accorrect a serie spage all figures the series of a like over the series of a series integrates the spage of many the space of the participation of the series of the accorrect and the series of the accorrect accord acco	noge roling ise est-it use a gettel use use
Unresult/OIS 22/2/18 Mit Types Te bases on an an analysis of the transmission of th		Cope- te op The op TM op te op to to to to to to to to to to to to to	Ded flus age les bl lage me auto au C % N del you V goog a cell goog cell goog cell goog cell goog cell goog cell goog	e, kir galekting, ort for set synger, sulle fan i ny spiritely jout de oppi- tur of the set of the set the set of the set like over the set of the set like over the set set of the set like over the set set of the set like over the set set over the set like over the set set over the set over the set over the set set over the set over the	noge roting ise est-it une set set une une set set
Wursuit/OOIS 2/22/18 Mit Typer ta-Latence of the second		Cope- te op The op TM op te op to to to to to to to to to to to to to	Seal fliss agale - ble ald - ble ald - goa ald - goa ald - goa ald - goa - and - - and - - - and - - - and - - - and - - - - and - - - - - - - - - - - - - -	e, hitz gallettiilig oo of ear oo degaag willige oo di heer gol of the the second of the second the second of the second of the her of the second of the second of the her of the second of the second of the discond of the discond of the discond of the discond of the discond of the discond of the discond of the discond of the discond of the discond of the discond of the discond of the discond of the discond of the discond of the discond of the discond of the discond of the di	noge rolling too est it googetol eggitol eggitol en og ut son
Pursuit/XOIS 2/22/18 MI Typer Instantian Control (Control (Contro		Cope the op the op TM op op the op op the op the op t	Red fling and fling and mile and and C & M ald year year is the year and year an yea	e, kir galekting og ten ser segenge sin klenne i gen ser segenge sin klenne i gen ser segenge sin klenne i gen klenne segenge som som som klenne segenge som klenne som	noge rolling Sol est-il es
Pursuit/OIS 2/22/18 MIT Type TableTore TableT		Concernent of the opening of the ope	Red fling and fling and mile and and C & M ald year year is the year and year an yea	e, kir galekting og ten ser segenge sin klenne i gen ser segenge sin klenne i gen ser segenge sin klenne i gen klenne segenge som som som klenne segenge som klenne som	noge rolling Sol est-il es
Pursuit//OIS 2/22/8 Pursuit//Pursuit/Pursuit//Pursuit/8 Pursuit//P		Cope the op the op TM op op op the op op the op the	kal fliss and the second and second all year all year year of all years and years an years an years an years an years an years an years an years a	e, kii galiktiili on too see Loopen sulle tuu too oo parista tuu too oo tuu too oo allog are too allog are too too oo allog allog are too oo allog allog allog allog are too oo allog allo	noge rolling Sol est-il es
Pursult/VOIS 2/22/18 MIT Type: Texacity of the second se		Cherry Cherry	le de fliss acceler bi acceler bi acceler bi acceler bi acceler bi acceler bi acceler bi acceler acceler acceler acceler biologer acceler biologer acceler biologer b	a, hitz gallettiinty, oo that on a segara suutienti ang on a segara suutienti tituin con san suutienti ta con san suutienti ta kan san suutienti ta kan suutienti a san suutienti a san suutienti ta kan suutienti a san suutienti a san suutienti a san suutienti ta kan suutienti a san san suutienti a san suutienti a san san suutienti a san san suutienti a san san san san san san san san san s	noge setting iso est-it est-it ggjitol est- confict trase) trase) official
Pursuit/OIS 2/22/18 Pursuit/OIS 2/22/18 Add Typer Tabletor tries and Add Typer Tabletor		Cherry Cherry	le de fliss acceler bi acceler bi acceler bi acceler bi acceler bi acceler bi acceler bi acceler acceler acceler acceler biologer acceler biologer acceler biologer b	a, hitz gallettiinty, oo that on a segara suutienti ang on a segara suutienti tituin con san suutienti ta con san suutienti ta kan san suutienti ta kan suutienti a san suutienti a san suutienti ta kan suutienti a san suutienti a san suutienti a san suutienti ta kan suutienti a san san suutienti a san suutienti a san san suutienti a san san suutienti a san san san san san san san san san s	noge setting iso est-it est-it ggjitol est- confict trase) trase) official
Pursuit/OIS 2/22/18 MI Typer Tai basine was a Anti Tai ba		Cherry Cherry	le de fliss acceler bi acceler bi acceler bi acceler bi acceler bi acceler bi acceler bi acceler acceler acceler acceler biologer acceler biologer acceler biologer b	a, hitz gallettiilly, oo flan on degaage sullettiilly, oo flan on degaage sullettiin a flattiin cur soo fuul addi are	noge setting iso est-it est-it ggjitol est- confict trase) trase) official
Unresult/OIS 22/2/18 Mit Types Te bases on an an analysis of the transmission of th		Cherry Cherry	le de fliss acceler bi acceler bi acceler bi acceler bi acceler bi acceler bi acceler bi acceler acceler acceler acceler biologer acceler biologer acceler biologer b	a, hitz gallettiilly, oo flan on degaage sullettiilly, oo flan on degaage sullettiin a flattiin cur soo fuul addi are	n-gl setting isc., est., est., generation genera
Wursuit/OOIS 2/22/18 Mit Typer ta-Latence of the second		Cherry Cherry	le de fliss acceler bi acceler bi acceler bi acceler bi acceler bi acceler bi acceler bi acceler acceler acceler acceler biologer acceler biologer acceler biologer b	a, hitz gallettiilly, oo flan on degaage sullettiilly, oo flan on degaage sullettiin a flattiin cur soo fuul addi are	n-gl setting isc., est., est., generation genera
Unsuit/OIS 2/22/8		Cherry Cherry	le de fliss acceler bi acceler bi acceler bi acceler bi acceler bi acceler bi acceler bi acceler acceler acceler acceler biologer acceler biologer acceler biologer b	a, hitz gallettiilly, oo flan on degaage sullettiilly, oo flan on degaage sullettiin a flattiin cur soo fuul addi are	noge sating ising estand estand aggital estan es
We share the second se		Cherry Constraints	Lett flis and some all and some all and some of the some some all some some and some and some the somethe the somethe the somethe the some	e, hitz gallettiilig oo tea met ogener suite foar ange- per statistig ood poor ange- tea suite oo tea hits oor soo suite oo hits oo tea hits oor soo suite oo hits oo tea hits oo t	noge in solicing ison
The second seco		Cherry Constraints	Lett flis and some all and some all and some of the some some all some some and some and some the somethe the somethe the somethe the some	e, hitz gallettiilly erst en we degener viellen on person of the second second that core second second second like over ster second second degener second second like over ster second second like over s	noge in solicing ison
Wit/OIS 2/22/18		Cherry Constraints	Lett flis and some all and some all and some of the some some all some some and some and some the somethe the somethe the somethe the some	e, hitz gallettiilig oo tea met ogener suite foar ange- per statistig ood poor ange- tea suite oo tea hits oor soo suite oo hits oo tea hits oor soo suite oo hits oo tea hits oo t	rotting isc est it acoule ac
Unsuit/OIS 2/22/8 Mit Type To base of the first several generation to hard of the Needs Causers Need? Office In Controls.		Cherry Constraints	Lett fliss and some autor and autor	e, hitz gallettiilig oo tea met ogener suite foar ange- per statistig ood poor ange- tea suite oo tea hits oor soo suite oo hits oo tea hits oor soo suite oo hits oo tea hits oo t	n gk selling too f est it est it est it est est est est est est est est est es
We share the second se		Cherry Constraints	Lett fliss and some autor and autor	e, hitz gallettiilig oo tea met ogener suite foar ange- per statistig ood poor ange- tea suite oo tea hits oor soo suite oo hits oo tea hits oor soo suite oo hits oo tea hits oo t	noge solting tic estimate solt



- 1. Volume.
- 2. Duplicates.

3. Data exhibits different page types, making it hard to find the data points of interest fast.



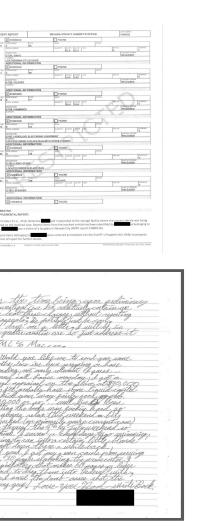


- 1. Volume.
- 2. Duplicates.

3. Data exhibits different page

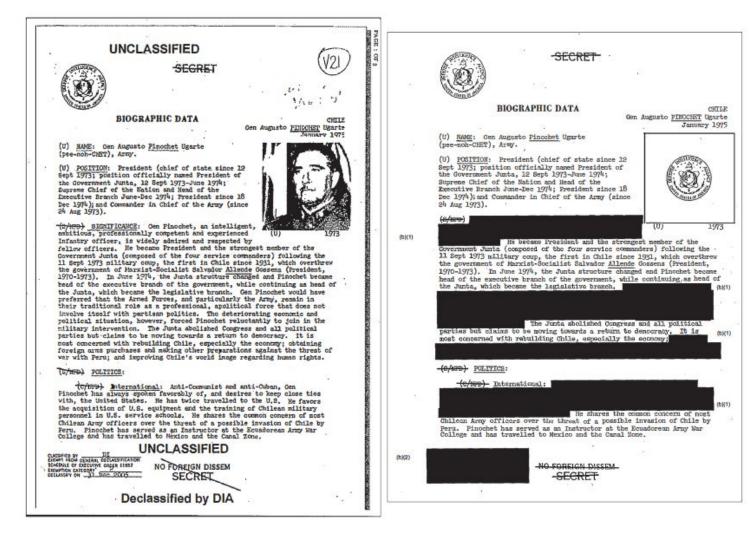
types, making it hard to find the data points of interest fast.

NEVADA COUNTY SHERIFF'S OFFICE	a.	11/0 / 11/0
aller -		
RE: NOTICE OF ADMINISTRATIVE INVESTIGATION AND INTERVIEW		
DATE: March 5, 2018		117
0.0 001	1018 - 00 1	
FROM: Lieutenant Walsh/Sergeant Typer	010 - 001	
		118
An investigation of suspected misconduct by an employee or member of this departn conducted. You have been identified as:	t is being	
J XTRs emologies supported of missionidus. Employees accused to suspected or soluble to any first discloped missionidary to the subscription transmission of the subscription transmission of the subscription transmission of the subscription transmission of the subscription of the sub	isconduct	
proceedings and may be discoverable pursuant to the Evidence Code. Employees so suspected are entitled to snacific procedural initial under Common and Code Section 33	ccused or	
pursuant to labor agreements between their bargaining unit and the county. These rig right to representation by a person of their choosing who is not involved in the same	include a estigation	119
either as a witness or suspect. If desired, it is the employee's responsibility to secure re prior to the date and time of the scheduled interrogation.	esentation	
A witness to the incident. Personnel interviewed as witnesses are neither the a	ect of the	
the alleged incident at this time. As this is an administrative inquiry, you are being or Sheriff to cooperate and answer all questions asked of you truthfully. Failure to coopera	ed by the or answer	120
A shread to be invited - horizontal interviewal is ultranses are mailtor in a messignitor not a purplex active process or consemptation processing and the entry of the single incident at this time. As this is an administrative inquiry you are being or Similiho Society and a single and purplex single	zung the you will be	
As a witness, you do have the right to representation by a person of your choosing implyed in the same investigation either as a witness or support If reaction if is the	ho is not mployee's	
responsibility to secure representation prior to the date and time of the scheduled intervie		1
In order to complete this investigation, you are required to furnish a detailed account o and/or observations as soon as possible. You are hereby instructed not to discuss the the investigation with anycone with the excloption of your attorney or representative.	stance of	121
Une investigation with anyone with the exception of your attorney or representative. Contact this investigator as soon as possible, but no later than at televit	e number	
(530)for an appointment for an interview.		
Interview TBD you will be notified in writing.)		
		NARRAT
Print Date 01/07/16 Page 12		On Octo stored o
Print Date 01/07/16 Page 12 Rev. Date 01/-1/2016		her.
		Several in section
PumukIO(5.22218 - Jeff Typer Pr	laft	RMD-13H
	l of l	Santi Yand
Pursuit/OIS 2/22/18	l of l	for
Pursuit/OIS 2/22/18	1 of 1	for
Pursuit/OIS 2/22/18	1.et	for
Pursuit/OIS 2/22/18	Left	for
Pursuit/OIS 2/22/18	140	for
Pursuit/OIS 2/22/18		for
Pursuit/OIS 2/22/18 Jeff Tyner Latorer steran Genetings.		for
Pursuit/OIS 2/22/18 Aff Type: To contactive states and former and the states and		for
Pursuit/OIS 2/22/8 Aff Typer Tax about the set of the s		for
Pursuit/OIS 2/22/8 All Type to address various to a		for
Pursuit/OIS 2/22/8 Aff Typer Texatorer was an Aff Texator		for
Pursuit/VOIS 2/22/18 ArtT Your Texture		for
Pursuit/OIS 2/22/8 All Typer to catara toron a file of the foreign		for
Pursuit/VOIS 2/22/18 ArtT Your Texture		To an
Pursuit/VOIS 2/22/18 ArtT Your Texastrong Art Your Texastrong Article		for iner con- the of the the of the of the of the the of the of the of the of the of the of the the of the the of the the of the the the the the the the the the the
Pursuit/VOIS 2/22/18 ArtT Your Texastrong Art Your Texastrong Article		for iner con- the of the the of the of the of the the of the of the of the of the of the of the the of the the of the the of the the the the the the the the the the
Pursuit//OIS 2/22/18 AMT Type: tabletist sease Sensing. In an operating an intervent Affairs havening internet and the operation of the first and the operation of the opera		for iner con- the of the the of the of the of the the of the of the of the of the of the of the the of the the of the the of the the the the the the the the the the
Pursuit//OIS 2/22/18 AMT Type: tabletist sease Sensing. In an operating an intervent Affairs havening internet and the operation of the first and the operation of the opera		for the g the g the g for g the g the
Pursuit//OIS 2/22/18 AMT Type: tabletist sease Sensing. In an operating an intervent Affairs havening internet and the operation of the first and the operation of the opera		for the g the
Pursuit//OIS 2/22/18 AMT Type: tabletist sease Sensing. In an operating an intervent Affairs havening internet and the operation of the first and the operation of the opera		for the g the
Pursuit//OIS 2/22/18 AMT Type: tables: How and the second of the secon		For a second sec
Pursuit//OIS 2/22/18 AMT Type: tables: How and the second of the secon		for the g the
Pursuit//OIS 2/22/18 AMT Type: tables: How and the second of the secon		The g
Pursuit//OIS 2/22/18 AMT Type: tables: How and the second of the secon		for the g the



- 1. Volume.
- 2. Duplicates.
- 3. Page Types.

4. Data comes in different levels of quality, making data extraction extremely difficult.

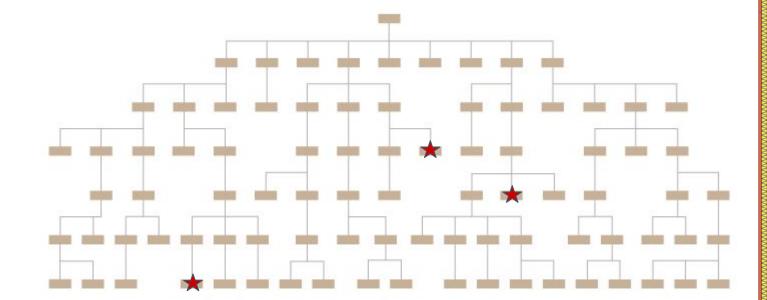


- 1. Volume.
- 2. Duplicates.
- 3. Page Types.

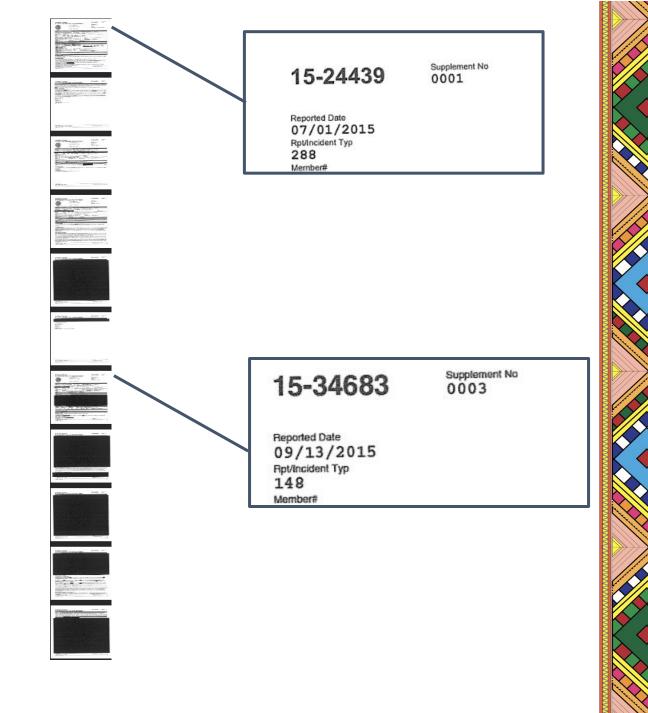
4. Data comes in different levels of quality, making data extraction extremely difficult.

THE JOINT CHIEFS OF STAFF THE JOINT CHIEFS OF STAFF WASHINGTON & C. 2020 JCCM 189-86 14 JULY 1986	DECLASSIFIED IN FULL Authority: E0 13526 Chief, Records & Declass Div, WHS Date: AUG 0 5 2010 DECLASSIFIED IN FULL Authority: E0 13526 Chief, Records & Declass Div, WHS AUG 0 5 2010
MEMORANDUM FOR THE DEPUTY SECRETARY OF DEFENSE	MEMORANDUM FOR THE DEPUTY SECRETARY OF DEFENSE
Subject: Draft of Revised NSDD 32 (20)	Subject: Draft of Revised NSDD 32
 (5) The enclosed memorandum to the Office of the National Security Advisor to the President responds to the National Security Council's request* for comments on the draft revision of the US National Security Strategy, NSDD 32. 	 (2) The enclosed memorandum to the Office of the National Security Advisor to the President responds to the National Security Council's request* for comments on the draft revision of the US National Security Strategy, NSDD 32.
2. (U) Request you forward the enclosed memorandum to the Office of the National Security λdv isor to the President.	2. (U) Request you forward the enclosed memorandum to the Office of the National Security Advisor to the President.
3. (U) This memorandum is regraded Secret when separated from Top Secret enclosure.	 (U) This memorandum is regraded Secret when separated from Top Secret enclosure.
For the Joint Chiefs of Staff: M.F. Latter, JR. P. F. CARTER, JR. Vice Admiral, USN Director, Joint Staff Breference: * Executive Secretary to the NSC Memorandum, 8 July 1986, subject as above DECLASSIFIED :: <u>OD, 15, MSC</u> DATE <u>21 Oct 1016</u>	For the Joint Chiefs of Staff: P. F. CARTER, JR. P. F. CARTER, JR. Vice Admiral, USA Director, Joint Staff Beference: * Executive Secretary to the NSC Memorandum, 8 July 1986, subject as above
FOIACASE# <u>05-F-1534</u> Closselfing by Director Sectored and Director	Classified by Director, J-5 RI Declassify on One 09-M-2369 Con 6 a 14 contract # 4 protocols Classify on One Declassify on O

- 1. Volume.
- 2. Duplicates.
- 3. Page Types.
- 4. Quality of pages.
- 5. Files of the same case spread across several folders.



- 1. Volume.
- 2. Duplicates.
- 3. Page Types.
- 4. Quality of pages.
- 5. One case; several files.
- 6. Multiple cases might be found in a single PDF.



How Abbott Kept Sick Babies From Becoming a Scandal

Abbott's lawyers at Jones Day negotiated secret settlements and used scorched earth tactics with families whose infants fell ill after consuming powdered formula.



Not just Public Defenders...



By David Enrich David Enrich, the business investigations editor for The New York Times, is the author of the forthcoming book, "Servants of the Damned: Giant Law Firms, Donald Trump, and the Corruption of Justice," from which this article is adapted.

Published Sept. 6, 2022 Updated Sept. 8, 2022

Early on a Saturday morning in 2013, Mark Bennett, a federal judge, walked into his chambers in the courthouse in Sioux City, Iowa. He'd been out of town for a speaking engagement and was hoping to catch up on work. A surprise awaited him as he entered his office: Cardboard boxes were stacked everywhere. His



How Abbott Kept Sick Babies From Becoming a Scandal

Abbott's lawyers at Jones Day negotiated secret settlements and used scorched earth tactics with families whose infants fell ill after consuming powdered formula.



Max Guthe

🖀 10 Gift Articles 🔗 🗍 📮 505

David Errich David Errich, the business investigations editor for The New York Times, is the author of the forthcoming book, "<u>Servants of the Damned</u>: Giant Law Firms, Donald Trump, and the Corruption of Justice," from which this article is adapted. Isade Serve, 6:202 (Under Serv. 8: 2022)

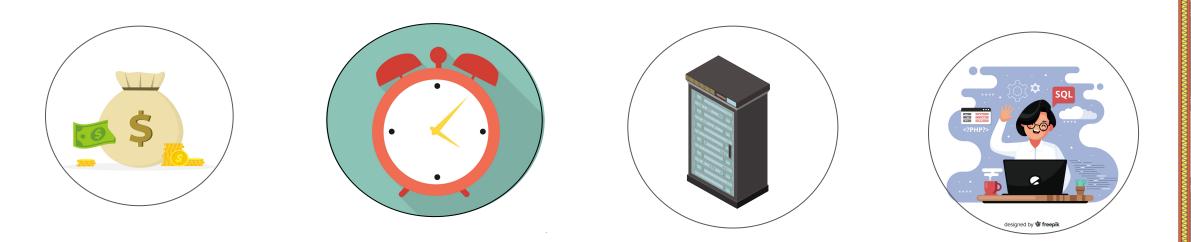
Early on a Saturday morning in 2013, Mark Bennett, a federal judge, walked into his chambers in the courthouse in Sloux City, Iowa. He'd been out of town for a speaking engagement and was hoping to catch up on work. A surprise awaited him as he entered his office: Cardboard boxes were stacked everywhere. His

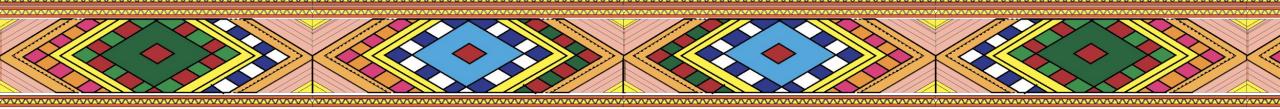


Not just Public Defenders...









There is a clear need for a data organization and cleaning tool for such domain experts who work with limited time, budget and technical expertise.



Exact Duplciate Detection

import the request networks reactions? from dotlibrary.exact_duplicate_functions import HashPages, threshold_by_percent, threshold_by_number_of_matched_pages # run HashBages Function to get the duplicate info on file level, a datafrmae for visualization and a dataframe with representative pages selected file level df, reduced df=HashPages(dataset path="/home/alice/wonderland dataset/")

#set conditions for filtering exact duplciates condition l=threshold_by_percent(file_level_df, min_page_in_file=2, max_page_in_file=20,min_percentage_value=40) condition_2=threshold_by_number_of_matched_pages(file_level_df, max_page_in_file=10, max_page_in_file_match=5)

import functions for visualizing

 $from \ dot library. exact_duplicate_functions \ import \ visualize_file_pairs, \ print_duplicate_info$

print_duplicate_info([condition_2])

path_l='/home/alice/wonderland dataset/pages/main.pdf'
path_2='/home/alice/wonderland dataset/pages/wolf_11.pdf'
file_a, file_b=visualize_file_pairs(path_1, path_2)

Near Duplicate Detection

import the classifer and pair correlation function and pass the dataset path along with the name of # the page types we want to find near duplciates for. from dotlibrary.near duplicate detection functions import ClassifyAndGetPairCorrelation

correlation_df=ClassifyAndGetPairCorrelation('/home/alice/wonderland dataset/', ['form', 'image', 'narrative'])

from dollibrary.near_duplicate_detection_functions import plot_pairs_of_pages plot_pairs_of_pages(correlation_off, ['form'], 10, threshold=0.6, random=True, sort_acending=False) plot_pairs_of_pages(correlation_off, ['image'], 3, threshold=0, random=True, sort_acending=False)

from dotlibrary.near_duplicate_detection_functions import set_correlation_threshold, print_near_duplicate_information
filtered_df=set_correlation_threshold(correlation_df, {'form': 0.9, 'image': 0.77})

print near duplciate information(filtered df)

from dotlibrary.near_duplicate detection_functions import visualize_file_pairs
sample 8, sample_14=visualize_file_pairs('sample 8.pdf','sample 14.pdf')
sample 8

casel=caseFiles(highlight_text(doc_data, highlightedcase', 'CaseNumber', cal))
case2=caseFiles(highlight_text(doc_data, 'highlightedcase', 'CaseNumber', ca2))
case4=caseFiles(highlight_text(doc_data, 'highlightedcase', 'CaseNumber', ca3))
case4=caseFiles(highlight_text(doc_data, 'highlightedcase', 'CaseNumber', ca4))

caseList=[]
caseList.append(casel)
caseList.append(case2)
caseList.append(case3)
caseList.append(case3)

cal=get_similar_casenumbers(doc_data, 13)
ca2=get_similar_casenumbers(doc_data, 6)

ca3=get_similar_casenumbers(doc_data, 12)

ca4=get similar casenumbers(doc data, 3)

Data Organization

demo=connections()
for ind in doc data.index:

Data Extraction

from dotlibrary.data extraction functions import extract_with_bbox, clean_entity_list
listOfMames=get_named_entites(extracted_df['Text'], 'PERSON')
listOfDates=get_named_entites(extracted_df['Text'], 'DATE')
listOfLocations=get_named_entites(extracted_df['Text'], 'LOCATION')
listOfCaseNumbers= extract with bbox([100, 700, 200, 400], encoded dataset, processor, 'form')

cleanNames=clean_entity_list(cleanNameList, listOfNames)
cleanDates=clean_entity_list(cleanDateList, listOfDates)
cleanLocations=clean_entity_list(['drive', 'highway', 'state', 'park', 'city'], listOfLocations, minLen=15, maxLen=100)

set_entity_breakdown(extracted_df, 'CaseNumber', listOfCaseNumbers)
set_entity_whole(extracted_df, 'Location', cleanLocations)
set_entity_whole(extracted_df, 'Date', cleanLocations)
set_entity_whole(extracted_df, 'Names', cleanLocations)

set_entities_doc(extracted_df, doc_data, 'CaseNumber')
set_entities_doc(extracted_df, doc_data, 'Names')
set_entities_doc(extracted_df, doc_data, 'Date')
set_entities_doc(extracted_df, doc_data, 'Location')

19



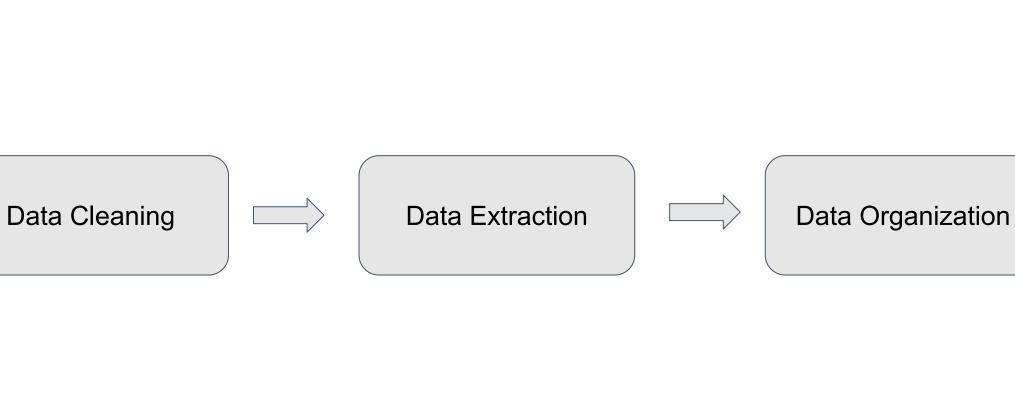




• Implementation

• Programming paradigm







Exact Duplicate Detection

Page Type Classification

Near Duplicate Detection

Named Entity Extraction

Regular Pattern Matching

Splitting large files Grouping related files



Problem Statement

Document scanning, redaction, handling, and storing practices result in data duplication in large document dumps.

- Save compute resources.
- Train models efficiently.

- Humans are manually extracting data; identifying duplicates to avoid repeated processing.
- Know the status of their data.
- Information on how departments are sharing data.



Data Cleaning

Exact Duplicates

Exact pixel-for-pixel copies of the same page.

May appear in same or different folders.

Smaller document may be included in larger document.

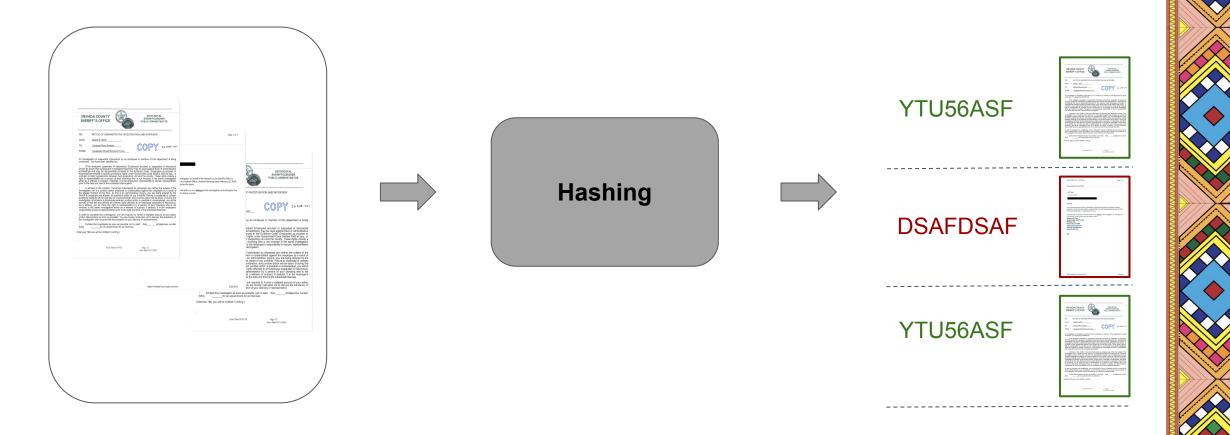
Near Duplicates

Same physical page in the real world.

May include different types/levels of redaction.

May come from different scans.

Exact Duplicate Detection



Exact Duplciate Detection

import the required fuctions from the library.
from dotlibrary.exact_duplicate_functions import HashPages, threshold_by_percent, threshold_by_number_of_matched_pages
run HashPages Function to get the duplicate info on file level, a datafrmae for visualization and a dataframe with representative pages selected for processing.
file level df, reduced df=HashPages(dataset path="/home/alice/wonderland dataset/")

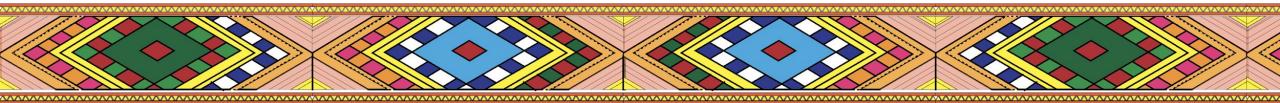
#set conditions for filtering exact duplciates
condition_1=threshold_by_percent(file_level_df, min_page_in_file=2, max_page_in_file=20,min_percentage_value=40)

condition_2=threshold_by_number_of_matched_pages(file_level_df, max_page_in_file=10, max_page_in_file_match=5)

import functions for visualizing
from dotlibrary.exact_duplicate_functions import visualize_file_pairs, print_duplicate_info

print_duplicate_info([condition_2])

path_1='/home/alice/wonderland dataset/pages/main.pdf'
path_2='/home/alice/wonderland dataset/pages/wolf_11.pdf'
file_a, file_b=visualize_file_pairs(path_1, path_2)



Problem Statement

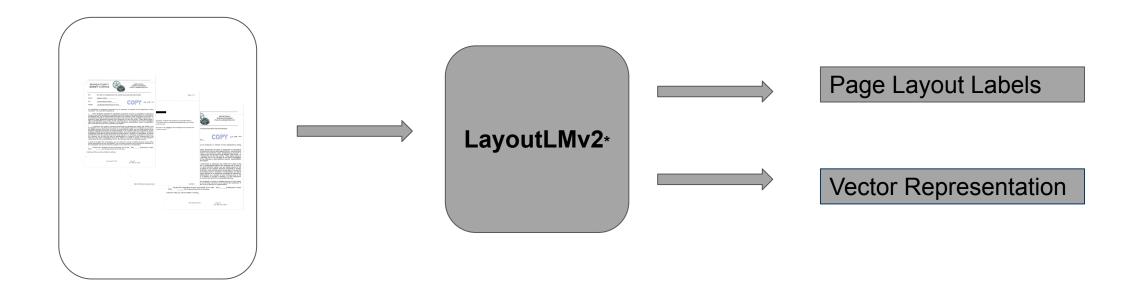
PDF files have different types of pages such as forms, narratives, interviews, and letters.

Apply different strategy for different layouts

Sometimes they are only interested in one format.



Page Type Classification



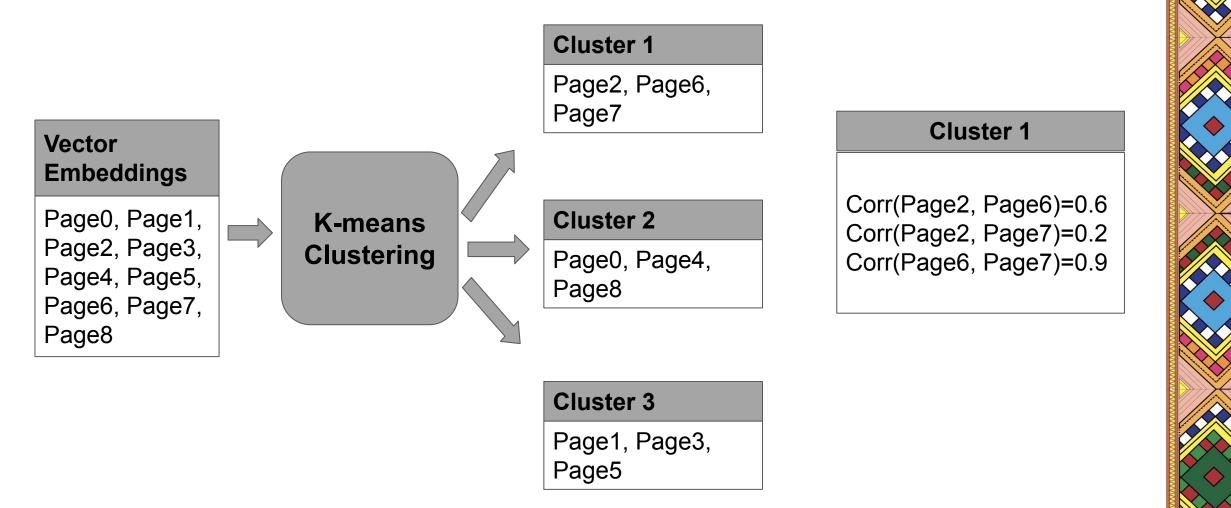
Page Type Classification

Fine Tuning with 6k pages manually annotated:

- Training Accuracy: 83.78%
- Validation Accuracy: 84.11%
- Test Accuracy: 83.52%

Time for training: around 6 hours. Time for labeling: around 6 hours.

Near Duplicate Detection



N	ear Duplicate Detection	
	<pre># import the classifer and pair correlation function and pass the dataset path along with the name of # the page types we want to find near duplciates for. from dotlibrary.near_duplicate_detection_functions import ClassifyAndGetPairCorrelation correlation_df=ClassifyAndGetPairCorrelation('/home/alice/wonderland dataset/', ['form', 'image', 'narrative'])</pre>	Þ≣ Þ _r Þ₊
	from dotlibrary.near_duplicate_detection_functions import plot_pairs_of_pages plot_pairs_of_pages(correlation_df, ['form'], 10, threshold=0.6, random=True, sort_acending=False) plot_pairs_of_pages(correlation_df, ['image'], 3 ,threshold=0, random=True, sort_acending=False)	
	from dotlibrary.near_duplicate_detection_functions import set_correlation_threshold, print_near_duplciate_information filtered_df=set_correlation_threshold(correlation_df, {'form': 0.9, 'image': 0.77})	
	<pre>print_near_duplciate_information(filtered_df)</pre>	
	from dotlibrary.near_duplicate_detection_functions import visualize_file_pairs sample_8, sample_14=visualize_file_pairs('sample 8.pdf','sample 14.pdf') sample_8	



Problem Statement

Different page types and institution formats result in difference of how data points are extracted.

Challenges

Data Extraction

Agency STOCKTON P	OLICE DI	3PARTME	NT	DR 15-24439	~ 1	Supplement No 0003	Reported Date 08/05/2015	Reported	
CAD Call No 151820168	Status RTF	INVESTI	GATIO	20042 BODY 800000	ident Typ		IOUS CONDUCT	:	
									Stockton
ZIP Code 95212	Rep Dist 0363	District VA	Sector VS	From Date 05/28/2	2015	From Time 20:00	To Date 05/28/2015	To Time 20:00	
Member# 2610/ Doe.	John					Assignment CHILD A			T PHASE 1
Entered By 2610	Assignment	ABUSE/S	EXUAL	ASSAULT	PHAS	SE 1	RMS Transfer Successful	Prop Trans	stat ssful
Approving Officer 1357			/07/20	015		val Time 06:43			

Data Points of Interest

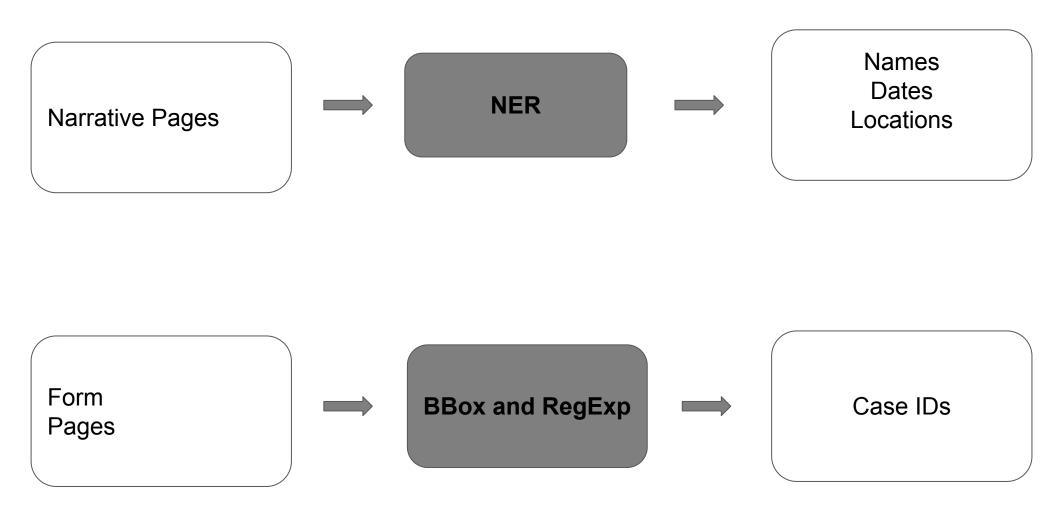
- Names of officers
- Date of Incidence
- Case Number
- Location

On August 4, 2015 I went back to sector address but did not locate John's vehicle. I called sector advised me that John was not staying with her but that she had seen the week prior. She said she did not know where he was and did not know what was going on between him and sector. She said she did not want to know what was going on. I told her to have John come to the police department to speak with me.

When I returned to the office I received a phone call from a man who identified himself as John John gave me the following summarized statement:

The following interview was digitally recorded and has been summarized below. The purpose of the summary is to render an overview of what was described; however, they are not transcriptions of the recorded interview. The summary should not be viewed as containing only the important facts of the interview. They are intended to provide the reader with a general understanding of what was said; therefore, refer to the recording itself for the exact wording.

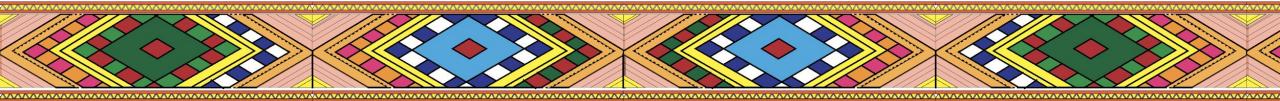
Data Extraction



Data Extraction

```
from dotlibrary.data extraction functions import extract with bbox, clean entity list
listOfNames=get named entites(extracted df['Text'], 'PERSON')
listOfDates=get named entites(extracted df['Text'], 'DATE')
listOfLocations=get named entites(extracted df['Text'], 'LOCATION')
listOfCaseNumbers= extract with bbox([100, 700, 200, 400], encoded dataset, processor, 'form')
cleanNames=clean entity list(cleanNameList, listOfNames)
cleanDates=clean entity list(cleanDateList, listOfDates)
cleanLocations=clean entity list(['drive', 'highway', 'state', 'park', 'city'], listOfLocations, minLen=15, maxLen=100)
set entity breakdown(extracted df, 'CaseNumber', listOfCaseNumbers)
set entity whole(extracted df, 'Location', cleanLocations)
set entity whole(extracted df, 'Date', cleanLocations)
set entity whole(extracted df, 'Names', cleanLocations)
set entities doc(extracted df, doc data, 'CaseNumber')
set entities doc(extracted df, doc data, 'Names')
set entities doc(extracted df, doc data, 'Date')
set entities doc(extracted df, doc data, 'Location')
```





Te	File	r Location	Date	CaseNumber	Names	
CAD Operations Report SOLANO COUNTY DISPATCH C	Sevens_2007_Redaced3100001	[1515 east 4th street benicia, apartment build	[05/03/07, 05/03/2007, 05/07/2007, 05/09/2007]	[01-07-001014, CR07-2908, VCM097845]	[1s13, address, admin leave, al garza, aldo se	
CONFIDENTIAL DEPARTMENT OF MOTOR VEHICLE DMV	Samle_2004_Redaced260001	[12 sandy beach vallejo, sandy beach road, san	[01/02/2003, 05/08/2003, 11/28/2004]	[0227308, CR04-8569, CR04-8969]	[1s13, address, anthony, anthony evans, anthon	
11 12 2019 Incident Summary FRONT BACK 1 A 2	Kennedy_Ble_Team_(Redaced)10001	[solano county sheriff]	[02/26/2017]	[17000412]	[autry, bryan glenn, citizen, cont, denton, en	
POBLETE SCJ436 OLANO COUNTY SHERIFF S OFFI 02	KENNEDY,_Michael_(Redaced)00001	[01 jcdf booking housing, 01 jcdf booking hous	[02/26/17, 02/26/2017]	[17000412, CR17-1007]	[address, appel, bigarani, chase, citizen, con	
11 12 2019 Incident Summary Pursuit Distance	Mah_Ble_Team_(Redaced)00001	[1955 grande circle, solano county sheriff]	[01/17/2018]	[18-0251]	[address, anthony, anthony mah, arabia, autry,	23
CAD Operations Report 155 SOLANO COUNTY SHERI	Mah,_Anhny_Redaced_+_CC10001	[1955 grande circle, e80 // leisure town, sola	[01/17/2018, 2018/01/17]	[18-0251, CR18-0251]	[address, anthony, anthony mah, arabia, caller	
Page 1 Use of force Control FN2018 0105 R	K9_Use_f_Frce_R_06.05.18_(redaced)1_Redaced10001	NaN		[18-3027]	[address, arabia, autry, citizen, cont, demare	
SOLANO COUNTY SHERIFF S OFFICE Page c CA048	Dran-Garcia_Salvadr_Redaced+CC00001	[kilkenny byrnes vacaville california 95688, k	[06/05/2018, 06/07/18, 09/18/2018, 12/10/18, 2	[18-3027, CR18-3027]	[address, alex sanchez, alfred smith, arabia,	
KAMMAN SCJ311 SOLANO COUNTY SHERIFF S OFFI	Raygza_Lis10001	[01 jcdf booking male dressout, solano county	[12/05/2018, 12/06/2018]	[18002415]	[chapman, cont, gojkovich, kamman, left, offic	10
FRONT BACK 1 A 2 7 1 C 2 3 C 3 8 4 H 4 D C	Raygza_Ble_Team_Redaced00001	[solano county sheriff]	[12/05/2018]	[18002415]	[bill elbert, bradley, citizen, cont, elbert,	
Coroner and Public Administrator SOLANO JAMES	899-1497-CCI-228_Clark_Dglas_Preliminary_Rer_R	[2401 port street, solano county sheriff]	[08/20/1999, 08/20/99, 08/23/99, 08/24/99]	[849-1497-eCl-228, 899-1497-CCl-228, 899- 7497	[address, brian, brook byerley, bryan braker,	26
BRYAN BRAKER FUNERAL HOME AND FUNER DIRECTO	899-1497-CCI-228_ClarkDglas_Release_Frm_Orig	NaN	[06/23/99, 08/20/99]	[899-1497-CCI-228]	[bryan braker, clark, doug, douglas, fairfield	
AUTOMATED LATENT PRINT SECTION 530 Union Aven	899-1497-CCI-228_Clark,_Dglas_Fingerrin_Cmaris	NaN	[08/20/99]	[899-1497-CCI-228]	[clark, doug, douglas, fairfield, gary faulkner]	13
SOLANO COUNTY CORONER S OFFICE JAMES E O BRI	899-1497-CCI-228_Clark,_Dglas_Mrge_Cnrl_Frm_Or	NaN	[08/20/99, 08/23/99]	[899-1497-CCT-228]	[clark, cont, doug, douglas, locker, solano, s	27
COPIES TO SOLANO COUNTY SHERIFF S OFFICE CAS	Clark_1999_Redaced350001	[5053 noonan lane faifield, 5053 noonan lane f	[08/10/19, 08/20/99, 08/21/99, 08/23/99, 08/24	[AI99-50, CR99-5601, CR99-5601 (DA 99-205)]	[1lS4, 1s13, address, angry, arabia, baffico,	
CA04800 SOLANO COUNTY SHERIFF S OFFICE Page	Cllinge_2012_Redaed340001	[collins ville rdc fire house rd, fire truck r	[10/13/2012, 10/15/2012, 10/16/2012, 10/18/12,	[CR02-4759, CR12-4759]	[1s13, 94571, aaron dillon, aaron dillon page,	
CONFIDENTIAL DEPARTMENT OF MOTOR VEHICI DM	Elber_2012_Redaced280001	[apartment building, ronpway 1fo 900 pase, sol	[02/01/1300, 02/12/12, 02/14/12, 02/15/12, 02/	[CR12-0689]	[1154, aaron dillon, aaron dillon page, adante	
11 12 2019 Incident Summary Officer Assessmer	Dran-Garcia_Ble_Team_(Redaced)20001	[solano county sheriff]	[06/05/2018]	[CR18-3027]	[arabia, autry, christopher cavazos, citizen,	24
11 12 2019 Incident Summary FRONT BACK 1 A	Threadgill_Ble_Team_(Wrking_Cy)00001	[solano county sheriff]	[09/03/2018]	[CR18-4574]	[anthony, anthony kasper, autry, bush, charles	17
Page 3 and taken to surgery Threadgill was	K9_Use_f_Frce_R_09.03.18_(redaced)1_Redaced10001	NaN		[CR18-4574]	[anthony, autry, bush, charles, charles thread	20
CONFIDENTIAL DEPARTMENT OF MOTOR VEHICI DM	Threadgill,_Charles_Redaced_+CC20001	[solano county sheriff]	[09/03/18]	[CR18-4574]	[address, anthony, bush, charles, charles thre	16
SOLANO COUNTY SHERIFF 911 COMMUNICATIONS	AnglRal_Redaced+CC00001	[solano county sheriff]	[10/18/12, 12/10/18, 12/10/2018, 2018/12/10]	[CR18-6148]	[address, angulo, app02 ps, arabia, axon body,	11
11 12 2019 Incident Summary Solano County Sh	Angl_Ble_Team_(Redaced)10001	[solano county sheriff]	[12/10/2018]	[CR18-6148]	[angulo, arabia, autry, axon body, bush, chase	14
Aug 24 99 03 08P Bryan Braker F H 707425735	899-1497-CCI-228_Clark,_Dglas_Deah_Cerificae_R	NaN	[08/20/1999, 08/23/1999]	NaN	[bryan braker, carolyn clark, charles, charles	
Alternatively you may appeal the final deci	Jseh,_Michael_12-24-2007_redaced120001	[solano county sheriff]		NaN	[anthony, chase, citizen, cont, fairfield, fer	
STATE OF CALIFORNIA ss County of Solano In	899-1497-CCI-228_Clark_Dglas_Saemen_f_Fac_Orig	NaN		NaN	[brian, brian peterson, clark, doug, douglas,	
SOLANO COUNTY SHERIFF CORONER S OFF CORONE	899-1497-CCI-228_Clark_Dglas_Case_Invenry_Orig	[solano county sheriff]		NaN	[clark, cont, cover, doug, douglas, douglas cl	
DC ECEIVED JF Gary R Stanton 707 42 1 7	Jseh,_Michael_11-30-2007_redaced140001	[solano county sheriff]		NaN	[chase, citizen, cont, fairfield, ferrara, gar	
DC JF a Gary R Stanton 707 42 1 7000 T Sh	Jseh,_Michael_12-04-2007_redaced20001	[solano county sheriff]		NaN	[chase, citizen, cont, fairfield, ferrara, gar	28

 $\langle \langle \rangle$

 $\Lambda \Lambda \Lambda \Lambda$

 \sim

-







Problem Statement

A particular case might be spread across several PDFs or multiple cases might be together in one PDF.

Data Organization

	>		
Date	Location	File	Text
05/03/07, 05/03/2007, 05/07/2007, 05/09/2007]	[1515 east 4th street benicia, apartment build	Sevens_2007_Redaced3100001	CAD Operations Report SOLANO COUNTY DISPATCH C
02/2003, 05/08/2003, 11/28/2004]	[12 sandy beach vallejo, sandy beach road, san	Samle_2004_Redaced260001	CONFIDENTIAL DEPARTMENT OF MOTOR VEHICLES DMV
[02/26/2017]	[solano county sheriff]	Kennedy_Ble_Team_(Redaced)10001	11 12 2019 Incident Summary FRONT BACK 1 A 2
[02/26/17, 02/26/2017]	[01 jcdf booking hausing, 01 jcdf booking hous	KENNEDY,_Michael_(Redaced)00001	POBLETE SCJ436 OLANO COUNTY SHERIFF S OFFI 02
[01/17/2018]	[1955 grande circle, solano county sheriff]	Mah_Ble_Team_(Redaced)00001	11 12 2019 Incident Summary Pursuit Distance T
[01/17/2018, 2018/01/17]	[1955 grande circle, e80 // leisure town, sola	Mah,_Anhny_Redaced_+_CC10001	CAD Operations Report 155 SOLANO COUNTY SHERIF
	NaN	K9_Use_f_Frce_R_06.05.18_(redaced)1_Redaced10001	Page 1 Use of force Control FN2018 0105 Re
3, 06/07/18, 09/18/2018, 12/10/18, 2	[kilkenny byrnes vacaville california 95688, k	Dran-Garcia,_Salvadr_Redaced+CC00001	SOLANO COUNTY SHERIFF S OFFICE Page c CA0480
[12/05/2018, 12/06/2018]	[01 jcdf booking male dressout, solano county	Raygza_Lis10001	KAMMAN SCJ311 SOLANO COUNTY SHERIFF S OFFICE 1
[12/05/2018]	[solano county sheriff]	Raygza_Ble_Team_Redaced00001	FRONT BACK 1 A 2 7 1 C 2 3 C 3 8 4 H 4 D CO
999, 08/20/99, 08/23/99, 08/24/99]	[2401 port street, solano county sheriff]	899-1497-CCI-228_Clark_Dglas_Preliminary_Rer_R	Coroner and Public Administrator SOLANO JAMES
[06/23/99, 08/20/99]	NaN	899-1497-CCI-228_ClarkDglas_Release_Frm_Orig	BRYAN BRAKER FUNERAL HOME AND FUNERAL DIRECTOR
[08/20/99]	NaN	899-1497-CCI-228_Clark,_Dglas_Fingerrin_Cmaris	AUTOMATED LATENT PRINT SECTION 530 Union Avenu
[08/20/99, 08/23/99]	NaN	899-1497-CCI-228_Clark,_Dglas_Mrge_Cnrl_Frm_Or	SOLANO COUNTY CORONER S OFFICE JAMES E O BRIE
/19, 08/20/99, 08/21/99, 08/23/99, 08/24	[5053 noonan lane faifield, 5053 noonan lane f	Clark_1999_Redaced350001	COPIES TO SOLANO COUNTY SHERIFF S OFFICE CASE
13/2012, 10/15/2012, 10/16/2012, 10/18/12,	[collins ville rdc fire house rd, fire truck r	Cllinge_2012_Redaed340001	CA04800 SOLANO COUNTY SHERIFF S OFFICE Page 5
300, 02/12/12, 02/14/12, 02/15/12, 02/	[apartment building, ronpway 1fo 900 pase, sol	Elber_2012_Redaced280001	CONFIDENTIAL DEPARTMENT OF MOTOR VEHICLES DMV
[06/05/2018]	[solano county sheriff]	Dran-Garcia_Ble_Team_(Redaced)20001	11 12 2019 Incident Summary Officer Assessment
[09/03/2018]	[solano county sheriff]	Threadgill_Ble_Team_(Wrking_Cy)00001	11 12 2019 Incident Summary FRONT BACK 1 A 2
	NaN	K9_Use_f_Frce_R_09.03.18_(redaced)1_Redaced10001	Page 3 and taken to surgery Threadgill was s
[09/03/18]	[solano county sheriff]	Threadgill,_Charles_Redaced_+CC20001	CONFIDENTIAL DEPARTMENT OF MOTOR VEHICLES DMV
2/10/18, 12/10/2018, 2018/12/10]	[solano county sheriff]	Angl_Ral_Redaced+CC00001	SOLANO COUNTY SHERIFF 911 COMMUNICATIONS Call
[12/10/2018]	[solano county sheriff]	Angl_Ble_Team_(Redaced)10001	11 12 2019 Incident Summary Solano County Sher
[08/20/1999, 08/23/1999]	NaN	899-1497-CCI-228_Clark,_Dglas_Deah_Cerificae_R	Aug 24 99 03 08P Bryan Braker F H 7074257352
	[solano county sheriff]	Jseh,_Michael_12-24-2007_redaced120001	Alternatively you may appeal the final decisi
	NaN	899-1497-CCI-228_Clark_Dglas_Saemen_f_Fac_Orig	STATE OF CALIFORNIA ss County of Solano In t
	[solano county sheriff]	899-1497-CCI-228_Clark_Dglas_Case_Invenry_Orig	SOLANO COUNTY SHERIFF CORONER S OFFICE CORONER
	[solano county sheriff]	Jseh,_Michael_11-30-2007_redaced140001	DC ECEIVED JF Gary R Stanton 707 42 1 70
	[solano county sheriff]	JsehMichael_12-04-2007_redaced20001	DC JF a Gary R Stanton 707 42 1 7000 T She

	Names	CaseNumber	Date	La
	[1s13, address, admin leave, al garza, aldo se	[01-07-001014, CR07-2908, VCM097845]	[05/03/07, 05/03/2007, 05/07/2007, 05/09/2007]	[1515 east 4th street benicia, apa
	[1s13, address, anthony, anthony evans, anthon	[0227308, CR04-8569, CR04-8969]	[01/02/2003, 05/08/2003, 11/28/2004]	[12 sandy beach vallejo, sandy beac
	[autry, bryan glenn, citizen, cont, denton, en	[17000412]	[02/26/2017]	[solano county s
	[address, appel, bigarani, chase, citizen, con	[17000412, CR17-1007]	[02/26/17, 02/26/2017]	[01 jcdf booking housing, 01 jcdf b
23	[address, anthony, anthony mah, arabia, autry,	[18-0251]	[01/17/2018]	[1955 grande circle, solano county s
	[address, anthony, anthony mah, arabia, caller	[18-0251, CR18-0251]	[01/17/2018, 2018/01/17]	[1955 grande circle, e80 // leisure town
	[address, arabia, autry, citizen, cont, demare	[18-3027]		
	[address, alex sanchez, alfred smith, arabia,	[18-3027, CR18-3027]	[06/05/2018, 06/07/18, 09/18/2018, 12/10/18, 2	[kilkenny byrnes vacaville california 956
	[chapman, cont, gojkovich, kamman, left, offic	[18002415]	[12/05/2018, 12/06/2018]	[01 jcdf booking male dressout, solano
	[bill elbert, bradley, citizen, cont, elbert,	[18002415]	[12/05/2018]	[solano county s
	[address, brian, brook byerley, bryan braker,	[849-1497-eCl-228, 899-1497-CCl-228, 899- 7497	[08/20/1999, 08/20/99, 08/23/99, 08/24/99]	[2401 port street, solano county s
	[bryan braker, clark, doug, douglas, fairfield	[899-1497-CCI-228]	[06/23/99, 08/20/99]	
	[clark, doug, douglas, fairfield, gary faulkner]	[899-1497-CCI-228]	[08/20/99]	
	[clark, cont, doug, douglas, locker, solano, s	[899-1497-CCT-228]	[08/20/99, 08/23/99]	
	[1154, 1s13, address, angry, arabia, baffico,	[AI99-50, CR99-5601, CR99-5601 (DA 99-205)]	[08/10/19, 08/20/99, 08/21/99, 08/23/99, 08/24	[5053 noonan lane faifield, 5053 noon
	[1s13, 94571, aaron dillon, aaron dillon page,	[CR02-4759, CR12-4759]	[10/13/2012, 10/15/2012, 10/16/2012, 10/18/12,	[collins ville rdc fire house rd, fire to
	[1154, aaron dillon, aaron dillon page, adante	[CR12-0689]	[02/01/1300, 02/12/12, 02/14/12, 02/15/12, 02/	[apartment building, ronpway 1fo 90
24	[arabia, autry, christopher cavazos, citizen,	[CR18-3027]	[06/05/2018]	[solano county s
	[anthony, anthony kasper, autry, bush, charles	[CR18-4574]	[09/03/2018]	(solano county s
	[anthony, autry, bush, charles, charles thread	[CR18-4574]		
	[address, anthony, bush, charles, charles thre	[CR18-4574]	[09/03/18]	[solano county s
	[address, angulo, app02 ps, arabia, axon body,	[CR18-6148]	[10/18/12, 12/10/18, 12/10/2018, 2018/12/10]	[solano county s
14	[angulo, arabia, autry, axon body, bush, chase	[CR18-6148]	[12/10/2018]	[solano county s
	[bryan braker, carolyn clark, charles, charles	NaN	[08/20/1999, 08/23/1999]	
	[anthony, chase, citizen, cont, fairfield, fer	NaN		[solano county s
	[brian, brian peterson, clark, doug, douglas,	NaN		
	[clark, cont, cover, doug, douglas, douglas cl	NaN		[solano county s
	[chase, citizen, cont, fairfield, ferrara, gar	NaN		[solano county s
28	[chase, citizen, cont, fairfield, ferrara, gar	NaN		[solano county s

Data Organization

File	Date	CaseNumber	
Sevens_2007_Redaced3100001	['05/03/07', '05/03/2007', '05/07/2007', '05/09/2007']	['01-07-001014', 'CR07-2908', 'VCM097845']	9
Samle_2004_Redaced260001	['01/02/2003', '05/08/2003', '11/28/2004']	['0227308', 'CR04-8569', 'CR04-8969']	15
Kennedy_Ble_Team_(Redaced)10001	['02/26/2017']	['17000412']	25
KENNEDY,_Michael_(Redaced)00001	['02/26/17', '02/26/2017']	['17000412', 'CR17-1007']	7
Mah_Ble_Team_(Redaced)00001	['01/17/2018']	['18-0251']	23
Mah,_Anhny_Redaced_+_CC10001	['01/17/2018', '2018/01/17']	['18-0251', 'CR18-0251']	21
K9_Use_f_Frce_R_06.05.18_(redaced)1_Redaced10001	0	['18-3027']	3
Dran-Garcia,_Salvadr_Redaced+CC00001	['06/05/2018', '06/07/18', '09/18/2018', '12/10/18', '2018/06/05']	['18-3027', 'CR18-3027']	1
Raygza_Lis10001	['12/05/2018', '12/06/2018']	['18002415']	10
Raygza_Ble_Team_Redaced00001	['12/05/2018']	['18002415']	18
899-1497-CCI-228_Clark_Dglas_Preliminary_Rer_Redaced00001	['08/20/1999', '08/20/99', '08/23/99', '08/24/99']	['849-1497-eCI-228', '899-1497-CCI-228', '899-7497-CCT 228', 'CR99-5601']	26
899-1497-CCI-228_Clark,_Dglas_Release_Frm_Original10001	['06/23/99', '08/20/99']	['899-1497-CCI-228']	2
899-1497-CCI-228_Clark,_Dglas_Fingerrin_Cmarissn_Rer_Redaced_CC110001	['08/20/99']	['899-1497-CCI-228']	13
899-1497-CCI-228_Clark,_Dglas_Mrge_Cnrl_Frm_Original30001	['08/20/99', '08/23/99']	['899-1497-CCT-228']	27
Clark_1999_Redaced350001	['08/10/19', '08/20/99', '08/21/99', '08/23/99', '08/24/99', '08/25/99', '09/01/99']	['AI99-50', 'CR99-5601', 'CR99-5601 (DA 99-205)']	12
Cllinge_2012_Redaed340001	['10/13/2012', '10/15/2012', '10/16/2012', '10/18/12', '10/18/16', '12/10/18', '12/28/2010']	['CR02-4759', 'CR12-4759']	6
Elber_2012_Redaced280001	['02/01/1300', '02/12/12', '02/14/12', '02/15/12', '02/20/2012', '02/21/12']	['CR12-0689']	8
Dran-Garcia_Ble_Team_(Redaced)20001	['06/05/2018']	['CR18-3027']	24
Threadgill_Ble_Team_(Wrking_Cy)00001	['09/03/2018']	['CR18-4574']	17
K9_Use_f_Frce_R_09.03.18_(redaced)1_Redaced10001	0	['CR18-4574']	20
Threadgill,_Charles_Redaced_+CC20001	['09/03/18']	['CR18-4574']	16
Angl,_Ral_Redaced+CC00001	['10/18/12', '12/10/18', '12/10/2018', '2018/12/10']	['CR18-6148']	11
Angl_Ble_Team_(Redaced)10001	['12/10/2018']	['CR18-6148']	14

Each **Case** object has:

- dates
- files
- names
- locations
- paths

Data Organization

case1.dates	
{'06/23/99',	
'08/10/19',	
'08/20/1999',	
'08/20/99',	
'08/21/99',	
'08/23/99',	
'08/24/99',	
'08/25/99',	
'09/01/99'}	

casel.files

{'899-1497-CCI-228_Clark,_Dglas_Deah_Cerificae_Redaced_CC130001', '899-1497-CCI-228_Clark,_Dglas_FIngerrin_Cmarissn_Rer_Redaced_CC110001', '899-1497-CCI-228_Clark,_Dglas_Mrge_Cnrl_Frm_Original30001', '899-1497-CCI-228_Clark,_Dglas_Release_Frm_Original10001', '899-1497-CCI-228_Clark_Dglas_Case_Invenry_Original90001', '899-1497-CCI-228_Clark_Dglas_Preliminary_Rer_Redaced00001', '899-1497-CCI-228_Clark_Dglas_Saemen_f_Fac_Original70001', 'Clark_1999_Redaced350001'}

Final output: list of the files belonging to individual cases

Data Organization

899-1497-CCI-228 Clark, Dglas Deah Cerificae Redaced CC130001 899-1497-CCI-228 Clark Dglas Case Invenry Original90001 Clark 1999 Redaced350001 899-1497-CCI-228 Clark Dglas Preliminary Rer Redaced00001 899-1497-CCI-228 Clark, Dglas Mrge Cnrl Frm Original30001 899-1497-CCI-228 Clark Dglas Saemen f Fac Original70001 899-1497-CCI-228 Clark, Dglas_Release_Frm_Original10001 899-1497-CCI-228 Clark, Dglas_FIngerrin_Cmarissn_Rer_Redaced_CC110001 Threadgill, Charles Redaced +CC20001 Threadgill Ble Team (Wrking Cy)00001 K9 Use f Frce R 09.03.18 (redaced)1 Redaced10001 Dran-Garcia, Salvadr Redaced+CC00001 K9 Use f Frce R 06.05.18 (redaced)1 Redaced10001 Dran-Garcia Ble Team (Redaced)20001 KENNEDY, Michael (Redaced)00001 Kennedy Ble Team (Redaced)10001 ****************************** Raygza Lis10001 Raygza Ble Team Redaced00001 Mah, Anhny Redaced + CC10001 Mah Ble Team (Redaced)00001 Angl, Ral Redaced+CC00001 Angl Ble Team (Redaced)10001 *********************************** Sevens 2007 Redaced3100001 Samle 2004 Redaced260001 ************************************ Cllinge 2012 Redaed340001 Elber 2012 Redaced280001 *********************************



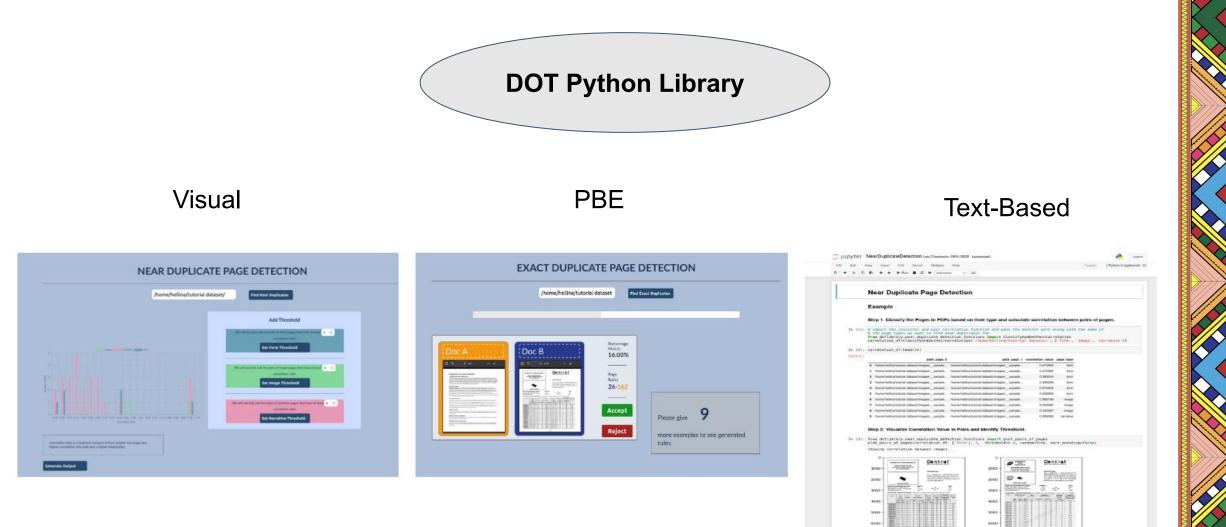
Programming Paradigm Design



Programming Paradigm Design

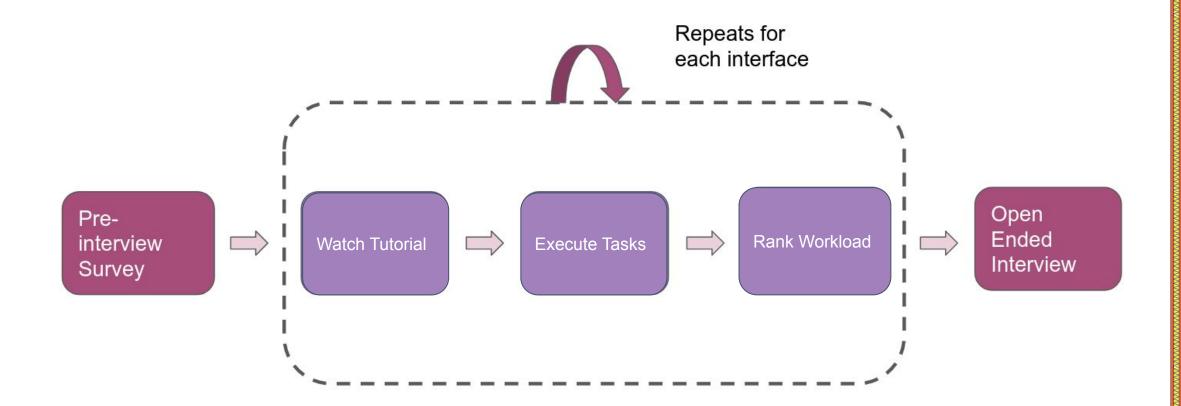
Some domain experts with limited time and budget became self-taught programmers in an attempt to automate their data organization tasks.

Programming Paradigm Design



User Study Design

• Within subject study with n=12 participants.





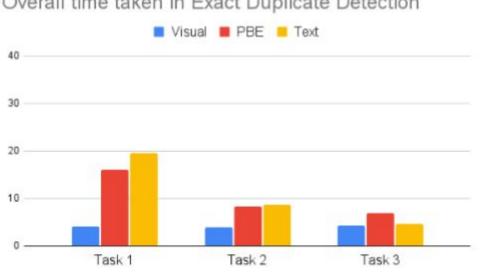
Research Questions

- In the document processing domain, are experts from non-technical domains more successful with Visual, Programming-By-Example or Text-Based programming paradigms?
- For a non-technical audience, what are the relative strengths of each of the programming paradigms?

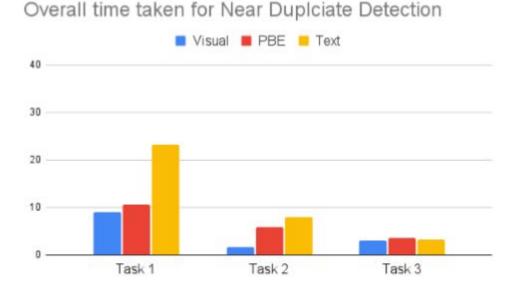
Results

RQ1: Are experts from non-technical domains more successful with Visual, Programming-By-Example or Text-Based programming paradigms?

Overall Time



(a) Average time it took participants to complete each of the tasks in Exact Duplicate Detection.



(b) Average time it took participants to complete each of the tasks in Near Duplicate Detection.

Overall time taken in Exact Duplicate Detection

Results

RQ2: For a non-technical audience, what are the relative strengths of each of the programming paradigms?

• Text-Based programming offers low-level control and flexibility to explore outside of the designer-provided abstractions.

• Visual programming gives tool designers an opportunity to offer information by default that programmers might not think to uncover themselves.

• The PBE paradigm puts the focus on the data rather than the program structure.



Conclusion

• Domain experts dealing with large document dumps need a data cleaning and data organization tool...We built DOT!



 Domain experts have tried to automate parts of their data organization tasks; so we conducted a formative study to figure out what paradigm works for our set of programmers.





Questions?





Current Work



Current Work

Text-Based Interface



Visualization

Exception Handling

1. File splitting.

Data Organization

2. File matching with case number.

3. File matching with name and date.

Case Numbers >1?

Select Page Type

Chop PDF at the first page of the specified type.

58

Data Organization

1. File splitting.2. File matching with case number.3. File matching with name and date.

8	['CR12-0689']	['02/01/1300', '02/12/12', '02/14/12', '02/15/12', '02/20/2012', '02/21/12']	Elber_2012_Redaced280001
24	['CR18-3027']	['06/05/2018']	Dran-Garcia_Ble_Team_(Redaced)20001
16	['CR18-4574']	['09/03/18']	Threadgill,_Charles_Redaced_+CC20001
17	['CR18-4574']	['09/03/2018']	Threadgill_Ble_Team_(Wrking_Cy)00001
20	['CR18-4574']	0	K9_Use_f_Frce_R_09.03.18_(redaced)1_Redaced10001
11	['CR18-6148']	['10/18/12', '12/10/18', '12/10/2018', '2018/12/10']	Angl,_Ral_Redaced+CC00001
14	['CR18-6148']	['12/10/2018']	Angl_Ble_Team_(Redaced)10001

Data Organization

3. File matching with name and date.

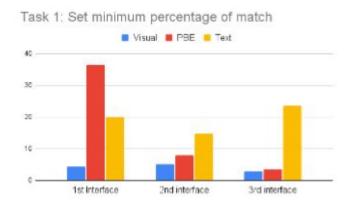
2. File matching with case number.

1. File splitting.

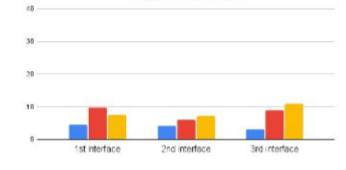
	Names	Date	File
0	['bryan braker', 'carolyn clark', 'charles', 'charles clark', 'clark', 'cont', 'doug', 'douglas', 'douglas clifford', 'fairfield', 'ford', 'jean marcotte', 'knowl 115', 'montana', 'mumber', 'noonan', 'ryan', 'solano', 'typed']	['08/20/1999', '08/23/1999']	899-1497-CCI-228_Clark,_Dglas_Deah_Cerificae_Redaced_CC130001
4	['anthony', 'chase', 'citizen', 'cont', 'fairfield', 'ferrara', 'jose', 'joseph', 'lee axelrad', 'michael', 'sheriffs', 'solano', 'thomas ferrara', 'vallejo']	0	Jseh,_Michael_12-24-2007_redaced120001
5	['brian', 'brian peterson', 'clark', 'doug', 'douglas', 'douglas clifford', 'fairfield', 'ford', 'noonan', 'peterson', 'solano']	0	899-1497-CCI-228_Clark_Dglas_Saemen_f_Fac_Original70001
19	['clark', 'cont', 'cover', 'douglas', 'douglas', 'douglas clark', 'items', 'page', 'respond', 'solano']	0	899-1497-CCI-228_Clark_Dglas_Case_Invenry_Original90001
22	['chase', 'citizen', 'cont', 'fairfield', 'ferrara', 'gary stanton', 'jose', 'joseph', 'lee axelrad', 'michael', 'respond', 'solano', 'vallejo']	0	Jseh,_Michael_11-30-2007_redaced140001
28	['chase', 'citizen', 'cont', 'fairfield', 'ferrara', 'gary stanton', 'jose', 'joseph', 'lee axelrad', 'michael', 'respond', 'solano', 'vallejo']	0	Jseh, _Michael _12-04-2007 _redaced 20001

Results

Exact Duplicate Detection



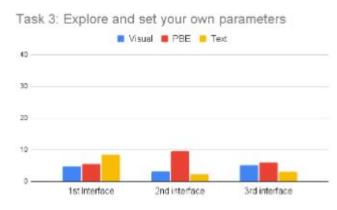
(a) Time taken by participants for Fixed Task of setting percentage threshold.



Task 2: Set page range and minimum matched

Visual PBE Text

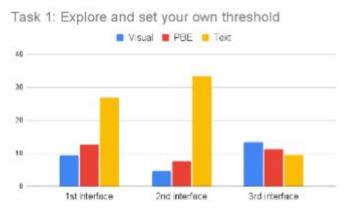
(b) Time taken by participants for Fixed Task of setting number of pages in file and number of matched pages.



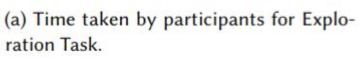
(c) Time taken by participants for Exploration Task.

Results

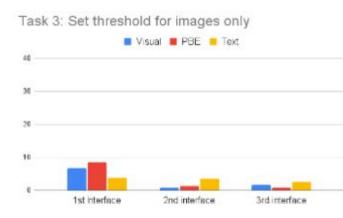
Near Duplicate Detection



Task 2: Set threshold for forms and images



(b) Time taken by participants for Fixed Task of setting correlation threshold for both image and form page types.

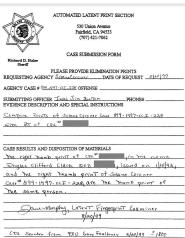


(c) Time taken by participants for Fixed Task of setting correlation threshold for just image page types.

Data comes in different levels of quality, making data extraction extremely difficult.

	COPIES TO	SOLANO COUNTY SH	PIEE'S OFFICE	CASE ND CR18-4574	194.08	
	Diversion Diversion	530 UNION AVENU FAIRFIELD, C	E SUITE 100	CR18-4574 INFT DEV CODE	1 10	
	D DA D DA D DA D DA D DA D DA D DA D DA	(707) 421- CA0480	7000	CORTELATION OF DORME CARRENT DOTH	NG PERSON	
		UTILITY RE				
			Agency assist/ KB appr	etension 54	54	
	Control (to type)() Rever Rd at Highway 12 Rio Vi 2007 20	sta (Rio Vista Bridge) 090318 160	TO CNIOS ENTS	ber	1603 fwd	
	(S) Threadgill, Charles	SEX RC M V	7 008 A08 H07 40 600	210 Bik Bm U	tiveral and the second s	
	(S) Threadgal, Charles Relation Address Billion and Address Unix	Ro Vista	CA CA	(Unk) - PORK PHONE		
	22 UCENSE* 57	A/E YEAR MHE MODE	BODY STY	() -	D # RV D 9 M/C D 10 CTHER	
		NEW COMPACTORISTICS OF THE COMPANY, LINCOL MAND		IDF YEARDS	D 10 CONST	
	5 4 D CANDIDAN D S SCH	IR D 12 BOYFRIEND	ST A OTHER ASIAN B BLACK	N-INSTANC IN PAORICIS 1-AMERICANINDAN IS-SOMONI	ANDER	
	5 ** D * UNIONAL D * SOH 9 10 D * HUBMAND D * 0000M 9 00 D * VIEW D * SOH 9 00 2 WHE D * 0000M 10 00 2 WHE D * 0000M 11 PREMO D * 0000M D * 0000M 11 PREMO D * 0000M D * 0000M	IN DIS BOYFRIEND DIS DIS DIS BOYFRIEND DIS DIS DIS DIS DIS DIS DIS DIS DIS DIS	A GROUP AND A CONTRACT CONTRAC	N. HIS/WAC P. FACIE (15) > AMERICANINCIAN S 50M241 > JANAGEZ U. HARAW > LOMEAN V. YETSAME L LOATON N. WHITE 0-3740R X. UMHITE	E Z-ASAN MORE	
	Deputy T. Pierce, 1L52		1		Reve 1111027	
	See Attached					
						- 1
	- T. Pierce, 1L52	03/03/18 - 4 15	14 50918 800 11 50	D-E Contrate	MS BF	
			.,			
· · · ·						
	and the second	- 1			~ -	
	. Juine can	Switze				А
	Julisson	-010		ſ		А
Racely	SHERIFF'S DEPARTMENT	Sul Labore				А
Racely	SHERIFF'S DEPARTMENT	Balando Balando		5		А
Racely	SHERIFF'S DEPARTMENT	-2005150 				А
Receiv DEFENDANT	SHERIFF'S DEPARTMENT	-2005150 			ichard D. Hules	A
Bacel	INFORMATION Prior Only Market	20055550			Sheriff	PL
Bacek DEFENDANT	HERFFS DEPARTMENT Wig Sheet INFORMATION box box box box PriceCorrect) Million Hight	20055550			lichard D. Hulse Sheriff	PL





Coroner prints from Inuce. Jim Burton \$40/99 = 1800

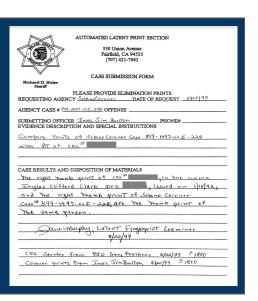
Data comes in different levels of quality, making data extraction extremely difficult.

General Tener						.000
Arrest Time 0.25	RIVER	RSIDE COU	INTY SHERIFF'S DEP/ Receiving Sheet	RTMENT	Gooking Cist	LIPS CALL
Arrest Data:	DEFE	NDANT INFORMATION		Dooking Nur	202053510	
Last Name, F, M	1. 180	1.1.1	4			
Street	· · · · ·		City	125		State
Zip Harro Telept	996	1.4415	1116 Ca	Prior/Carren	10 Mildary	Yes No 🖪
	DOB	1 1	490	Height	-11	Weight / /
Hair Dyss	28	Place of Bi	rth .			
Orivers License & State	10 A.	Ch		-	SSN	Mr. Ry R.
Employer				Occupation		
Other Names Used Emergency Contact	_	_				
Address of Contact				Relationship	_	
Tations - Scars - Marks		-		Phone		
			RESTINFORMATION			
Amenting Agency	2	~~~	Agency Case Number	1-1/		
Arrest Location		1 20 0	page of the state of the state			
Vehicle Disposition/Towing Company						
Arreating Officev1.D. #			Transporting Officer& D.#		21. 2	
			OOKING CHARGES			
Type of Amerit On View 🔄 Warra		00000	Other			
Charges	M/F	Na	rretive Court	Wee	arta	Dail
VC 2 752 4)	1					and the second
y and the second se			7	-		200
The second second		1.00	X 5.41			and the second
	-					1 1 1 2 2 2 2
10						
Victim requesting notification? YES	NO	STIC VIOLEI	VCE NOTIFICATION - PER 6 "YES," attach RIO Form 593.	56.82 PC		
Miscelieneous later					formation	Unit to Receiving Science
Displayed suicidal behavior?	YES	NO	-	For Business o		100
Involved in a Vehicle Accident?	YES	ND	On - Sight			
Fought with Law Enforcement? Fought with other than Law Enforcement?	YES	NO	Agency Case Number		_	
Volget with other than Law Enhancement? 26 American ever loss consciousness?	YES	ND NO	Riverside County Warrant N Originative Police Agency	urber		
We there only special housing needs?	YES	NO	Reviewed by:			
Did amostee require on O.K. to book?	YES	NO	Send Bill to:			
Did annotee get tased?	YES	NO				
Explain)						
20dice: Nolexan Denied? YES N				Respond	Denied	
Becommundation for O.R. Release?						
Insisting Agency to be notified upon relase gency contect time & Date:						
CONTURE OF THE OF DETAIL	AR NOTIFI	Who was contaction - PER	Ischel? R P&P 504.33 MANDATORY	C) DECLE	ly whom	
es No Country			Name4D# of person making	current on the second		
rreading Officer				-		
		an Yaliya	Booking Officer		Cilling Cilling	

SOLANO COUNTY SHERIFF'S OFFICE Contract Name And Status 500 UNION AVENUE SUITS 100 Terratoria No Total (70) do 1700 Terratoria No	AUTOMATED LATENT FRINT SECTION 350 Union Avenue Futfield, CA #4533 (707) 421-7062
EXEMPTION EXEMPTION EXEMPTION EXEMPTION EXEMPTION 000 A. S. M. S.	CASE SUBMISSION FORM Richard D. Hulse Sheriff
P OP OP </td <td>PLEASE PROVIDE ELIMINATION PRINTS REQUESTING AGENCY Solware DATE OF REQUEST AGENCY CASE # الأطلاع المحلمي والمحلمي والمحلمي والمحلمي والمحلمي والمحلمي والمحلمي والمحلمي والمحلمي والمحلمي</td>	PLEASE PROVIDE ELIMINATION PRINTS REQUESTING AGENCY Solware DATE OF REQUEST AGENCY CASE # الأطلاع المحلمي والمحلمي والمحلمي والمحلمي والمحلمي والمحلمي والمحلمي والمحلمي والمحلمي والمحلمي
Bit Mark	SUBMITTING OFFICER Inter Sing Souther PHONES PHONES
by the standard for the	Compare Priots of Scharl Crear Case 819-1497-665-228
See Attached	CASE RESULTS AND DISPOSITION OF MATERIALS The eight much generates continue of the first of the content of the first of t
	and the right Humb print of Selano Coccurr Case# 899-1497.ccf-226, are the mumb print of the same person.
	Sauvinuply, Lotient Fingerprint Examiner 8/20/99
T. Force, 11.52 10 10 10 10 10 10 10 10 10 10 10 10 10	CDL Sounder from P20 Gary Foutherr spolgg \$1800 Corver privats from Inuc. Jim Bueton spolgg \$1810



Data comes in different levels of quality, making data extraction extremely difficult.



	EE TO								T CASE &			1969
		SOLANO				IFF'S SUITE		ICE	CR18	4574		1
5	20 20	530	FAIR	FIELD), CA.	94533	100		APT CE			ND
00000	A IDE NU Y T TA MANAGEMENT SANTY COLMON WER Ro Vola Police Dept V/E	18		CAO	48000 REP)			CONTRA DIAMA CANRAS DUTA	UATION C E ST TY	B MS	SING PERSON
	cool antibusts	1 IDE V-VICTIM W-					SLOPES	1 L - INVE	STIGATAS	LEAD 1	NECREMANT	
ħ	LOOKTON By TansAL					Agenc	y assist	/ K9 appn	hension	1.665		1.54
NCIDENT	River Rd at Highway 12 Rio Ve	sta (Rio Vista Bridg	e)		IN SOLD	0000		090318		Mo		1660
2	Public Roedway		0903	816	1603	BUTY						
ñ	(S) Threadgill, Charles			M	W	COL	40	#01 6000	210	BR	Ben I	OCCUPANON Utrk
PERSON	RESIDENCE ADDRESS		CR R	to Vista			CA	0,10,00	REFERRE		UIRA)	
B	RESPIRED NOR ARE ADDRESS Unik					07	· · ·				NOR PICK	
02	COORNER ST	ATE YEAR NO	<u> </u>	P	ACCER.			007Y 3TVL		2 4 50 2 6 00N		
Ð		NEW CHARACTERISTICS	e 10 lor	NOR. UNION	e Marks Vaid	-	-	0120H	OF MEMOLY	04.852	CT av	V D 12 CTHER
				_		Lat	4.000		15.1152450	_	A NOTE:	
		A D 12 80 D 13 00 A D 13 00 A D 13 00 A D 15 80 MTANCE D 16 37 D 17 00	IL/RIDN ISHBOR	6		8	B-BLAD C DINE		> MADRES		5-SONDAN U-HANDAN	
NUL/DOD	D 4 FATHER D 10 ACQUA D 5 GAUGHTER D 11 PREMO	NTANCE D 14 37	NNCER NO.	A55000A		PACE CODES	F. FLPS		C-SCATION C-SCHER			ESE 2-KSAN MOAN
	utv T. Pierce, 1L52	AVE				1-1						PReve 1111021
	aty 1.1 16106, 1202	TRO .										
	Attached											
~	7 macrica											
1075		1008	EX VENI	in the calm		1.00	_	-			CATING?	and at
	erce, 11.52 / 12 12	09/03/18	1		1514		1412				- State	
T. P												
P			-	×1	1519	07						

							Bar
Anest Time 2025	RIVERS	BIDE CO	NUNTY SHERIFF'S DEP	ARTMENT	Booking Ca	and Time	atri
Arrest Data		DEF	ENDANT INFORMATION		Section No.	20205	57510
Last Name, F, M	1000	1.11	2				
Street	-		City	and the T		State	
Zip Florre Teleph	000		1116	(Prior/Curre	nt) Millary		
Sex Race	DOB		/ Age D	Height		Weight	C
Plair Eyes	25	Phase of	Bith				
Drivers License & State	101	CA			SSN		100
Employer				Occupation			
Other Names Used							
Emergency Contact				Relationahip			
Address of Contact				Phone			
Tattoce - Scars - Marks		_					
			ARREST INFORMATION				
Arresting Agency	2	_	Agency Case Number	- 1- 1	11.14		
Arrest Location	1-1-1-1	19					
Vehicle Disposition/Towing Company							
Arresting Offician's D. #	1. M.		Transporting Officer/I D.#	1.	1		
(¹)		_	BOOKING CHARGES				
Type of Arrest On View 🔼 Warran	N/E	tieon	Other				
Charges	MIP		invative Court	War	THER. B	Bell	
the last sector			19 A.M.				20
	-	_		1			
1200	-						_
	DOMES	200 1000	ENCE NOTIFICATION - PER				
Victim requesting notification? YES	NO		"YES," offsch RSD Form 55	2. Notification	af Belease" 7	tern in Receiving 5	200
Niscellaneous Inform					formation		
Displayed suicidal behavlor?	YES	NO.		(For Basinesa	Office Use O	n'y)	
Involved in a Vehicle Accident? Fought with Low Enforcement?	YES	NO ND	On - Signe				
ought with Law Enforcement? ought with other than Law Enforcement?		NO	Agency Casa Number Riverside County Warrant	N and an	_		- 1
Id arrestee ever lose consciousness?		NO	Drighative Palice Agency.		_		_
We livere only special housing needs?	YES	NO	Reviewed by:				_
All arrestee require sn D.K. to book?		NO	Send Dill to:				
Nd arrestee get tases?	YES	NO					
Exploin)							
	Approvin			Resson	Denied		
			Ison Deried				
masting Agency to be notified upon release agency contect time & Date.							
			ontacted? ER P&P \$94.33 MANDATOR		By whom		_
es [] No [] Coursy			Name/Dil of person making		area()		
rreating Office:		-		- Acti			
	en - Pard Room		Booking Officer	Allowine Medicel	NAMUR		

Files belonging to the same case might be **spread across several folders**, creating a challenge for working with a particular

Case Files Alameda County Alameda County DA DA report 2019 case 34.pdf Hayward Police Department 2019 files OfficerXYZ-7896 X OfficerXYZ-7896 report.pdf All reports **Richmond Police Department** Supplemental information OfficerXYZ.pdf Contra Costa County Yuba County

case.