Establishing a Research Agenda for Computational Archival Science (CAS) through Interdisciplinary Collaborations between Archivists and Technologists

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CT-LoS:

Computational Treatments to re-member the Legacy of Slavery

"Reasserting Erased Memory"





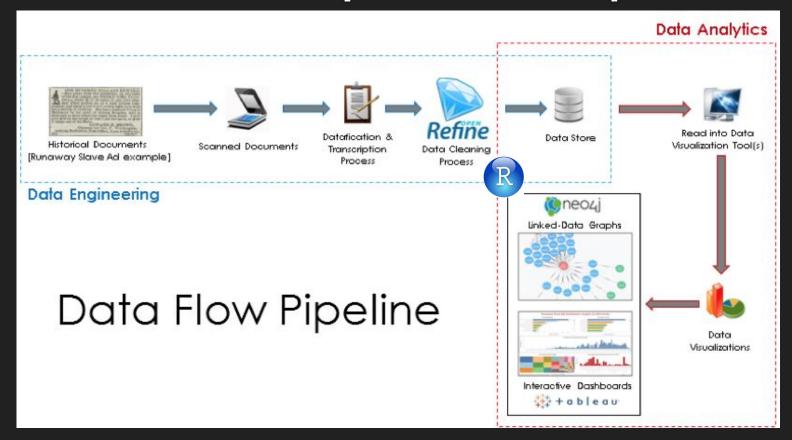


MSA Document Databases

A <u>manumission</u> is the legal document freeing an enslaved person. Manumissions can be found in land, probate, and chattel records. There is also a separate record series called Manumissions.

A <u>Certificate of Freedom</u> is a legal document that was issued to African Americans who were required to record proof of their freedom in the county court. The court would then issue them a Certificate of Freedom. If the person had been previously manumitted by an act of the slaveholder, the court clerk or register of wills would look up the manumitting document before issuing a certificate of freedom

Enhanced Data Flow from Original Source Documents to Computational Exploration



<u>Data Mining - Runaway Slave Ad</u>

Charles

TAS COMMITTED to the Jail of Baltimore City and County on the 3d day of April, 1840, by Jeremiah Storm, Esq'r. a Justice of the peace in and for said city, a negro man, as a runsway, named Benjamin Howard, who says he belongs to William Howard, of Ocracock neck, North Carolina He is of light complexion, about 25 or 6 years old, 5 feet 111 inches high. Had on when committed, thick cotton shirt, pea coat, domestic padaloons and vest, an old white hat, and a pair of fine shoes. The owner, (if any) of the above described negro man, is requested to come forward, prove property ray charges and take him away, otherwise he will be discharged according to law. DAVID BERRING. Warden B. C. & C. Jail. ap 15

FUG_First _T	FUG_Middle =	FUG_Lint J	FUG_DOB +	FUG_Gender *	FUG_Age -
Amanda		White		F	19
Ann		Butler	1816	F	25
Ann		Myers	1818	F	22
Benjamin		Howard	1115	M	25
Dill		Barres		12	2.5
Bill		Hammond	1819	#	1.
Bill		Hares		la .	26
Bob		Manuca		M	34
Charles	1	Dyson		0.0	23

Fuaitive Slave Data

	/ \				
OW_first -	OW_Middle *	OW_Last *	O V_State -	OW_County -	OW_Locale
James		Porter	Maryland	Bultimore	Back River Neck:
John		Chomton	Georgia	Oglethorpe	
Nicholas 🥒	M.	tostey	Maryland	Baltimore	
William		Howard	North Carolina		Ocracoke Neck
Mary	C.	Martin	Maryland	Talbot	Island Creek Neck:
John .		Allen	Maryland	Baltimore City	City Block
Maria	W.	Jackson	Maryland	Prince George's	
E	C.	Rawlings	Maryland	Baltimore	Lombard and Paca
James		Manwell	Maryland	Harford	Michaelpville
Osborn		Cross	Maryland	Prince George's	Good Luck

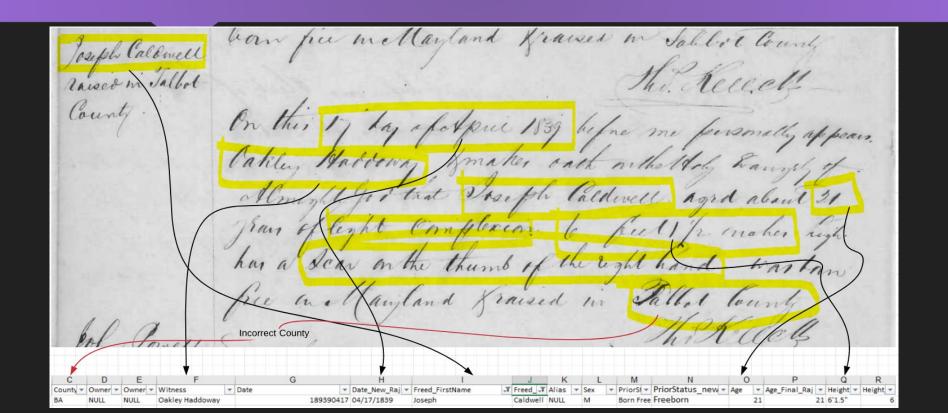
City and County on the 3d day of April, 1840, by Jeremiah Storm, Esq'r, a Justice of the peace in and for a id-sity a nego man, as a runaway, named Benjamin Howard, who says he velongs to William Howard, of Ocracock neck, North Carolina. He is of light complexion, about 25 or 6 years old, a feet 11 inches high. Had on when committed, thick cotton shirt, pea coat, domestic pantaloons and vest, an old white hat, and a pair of fine shoes. The owner, (if any) of the above described negro man, is requested to come forward, prove property, pay charges and take him away, otherwise he will be discharged according to law.

DAVID HERRING.

ap 15 Warden B. C. & C. Jail.

*Fugitive DOB calculated by subtracting age from the date

Sample Data Issues (Incorrect Entry) - COF



Sample Data Entry (Missing Information) - COF

ellyelatto	Balto Cerenty.		The Kelle	el.	
Deremial H. Drown	m the day of	Sune 1840 he	ope me col.	a aprovaen p	Ker
Caised in Baltimore	form of Law that Le		& manag	an a	ue
Rachael Brown	about 30 years of light	complexion of	long pay curly	heir of feel	,
William Kenry Brown	inches high has a mi	manumitted ly	fles Gillenghan	wantho 15.	day
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		to of sune	1040 appears	New of	lede
	omplexion 5 feel	meles he	igh has		8
G H	I J K	L M N	O P	QR	S
▼ Date			▼ PriorStatus_nev ▼ Age		Height[▼]He

Sample Data Issue (Transcription - Height Feature) - COF

certificates of fn Height	certificates of freedom xl Height New Feet	# certificates of freedom xl Height New Inch
5'3"	5	3.0000
5′3″	5	3.0000
5′3″	5	3.0000
5'7.75"	5	7.7500
4'9.5"	4	9.5000
5'1.5"	5	1.5000
5'1.5"	5	1.5000
5'6.5"	5	6.5000
5'1"	5	1.0000
5′ 6.25″	5	6.2500
5′ 6″	5	6.0000
NULL	NULL	null
NULL	NULL	null

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Abraham	1	NULL			45	45	9'.75"	9	0.75	Black	Black	NULL	c931	C931		1 NULL	NULL	15	6	1

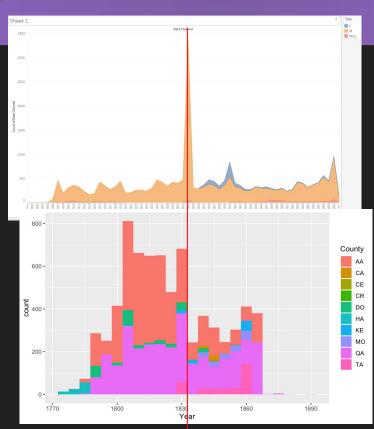
Data Cleaning - Prior Status Column - COF

- Narrowed the Prior Status column down from 25 text facets to 4.
 - Research was conducted to determine the prior status of those who were categorized as a
 "Descendant of a white female woman". Source: Wikipedia History of slavery in Maryland

US city. Many planters in Maryland had freed their slaves in the years following the Revolutionary War. [46] In addition, families of free people of color had been formed during colonial times from unions between free white women and men of African descent and various social classes, and their descendants were among the free. As children took their status from their mothers, these mixed-race children were born free. [2]



Data Visualization: Identifying Patterns What happened around 1832?





Maryland Historical Context

1642- The first cargo ship with 13 Africans arrives in St. Mary's City. The legal status of indentured servants and slaves in Maryland remains in contention.

1664- Maryland legalizes slavery.

- The Revolutionary War begins.

- Maryland prohibits the importation of slaves.

1783- The *Maryland Gazette* published "Vox Africanorum", an editorial denouncing the inequality in the newly formed America, which promoted liberty and freedom while enslaving thousands.

- The Maryland General Assembly liberalizes the state's manumission laws regarding how and when a slave owner can free his/her slaves.

- The Maryland Colonizational Society forms to colonize Maryland blacks in Africa.

- In response to the Nat Turner Revolt, Maryland's legislature prohibits free blacks from entering the state.

- The U.S. Supreme Court hands down the Dred Scott decision, which denied African Americans equal rights as citizens.

1860- The Maryland General Assembly outlaws manumission by deed or will.

1861- The Civil War begins.

- Slavery is abolished in District of Columbia.

- Lincoln issues the Emancipation Proclamation, which frees all slaves in the territories currently in rebellion.

- On November 1, slavery is abolished in Maryland.

- Slavery is abolished in all of the states by the 13th Amendment.

Implications of Computational Archival Science

- Limitations of two dimensional technical tools
- Data elements lost or ignored
- Who captures the information
- Information can be understood in context of creation & continuing use
- Ability to compute the information for research & discovery
- Information retained & available for future use
- Combining interdisciplinary fields to understand data problems in context