

Curating The #DuboisChallenge2023

Anthony Starks

In 1900, it began with them...



Thomas J. Calloway



Du Bois in Paris

...and Atlanta University



Atlanta University Debating Team, c. 1900



Women seated on steps of building at Atlanta University c. 1900

Paris 1900



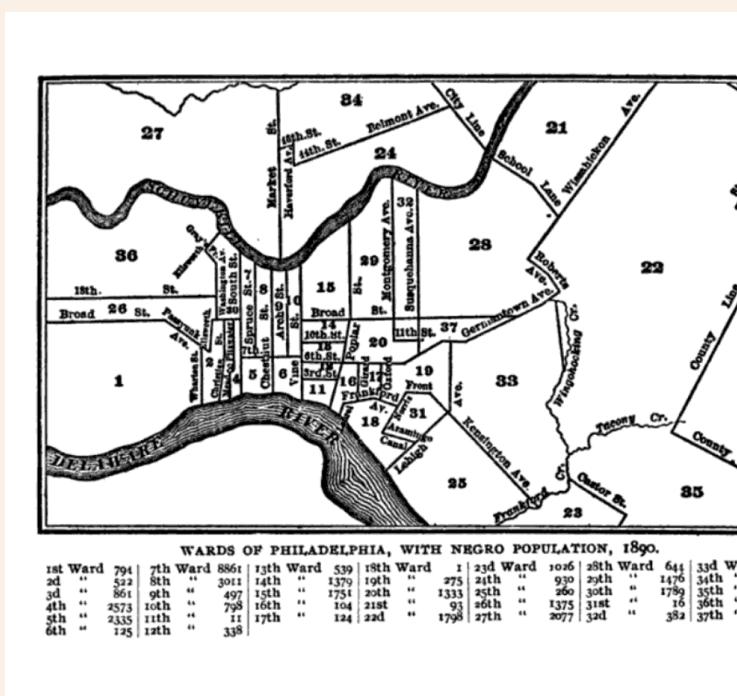
Historical Context



“Black America” Fair



Plessy v. Ferguson



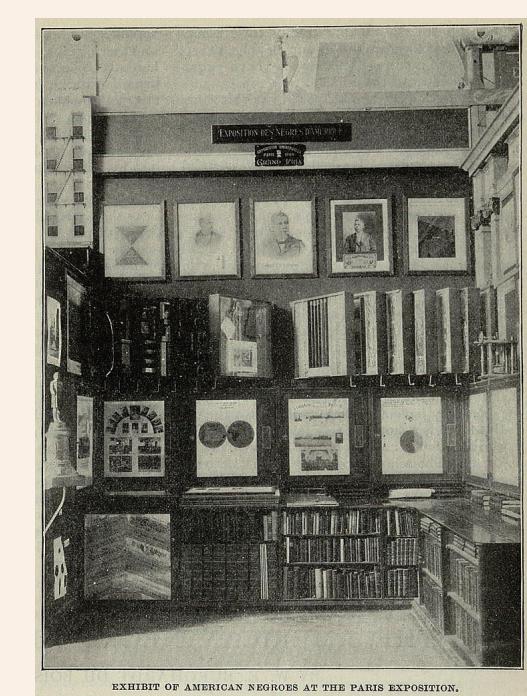
Phila. Negro begins

A WHITE MAN'S DAY.
Eight to Ten Thousand People Out.
TILLMAN MAKES A GREAT SPEECH FOR DEMOCRACY
Yesterday was a great day for Fayetteville and all this Cape Fear country. It was the occasion of the speaking in behalf of the restoration of white rule in North Carolina by Senator Ben R. Tillman, the Liberator of South Carolina.



Wilmington Overthrow

Lynchings Peak



Paris Exposition

1895

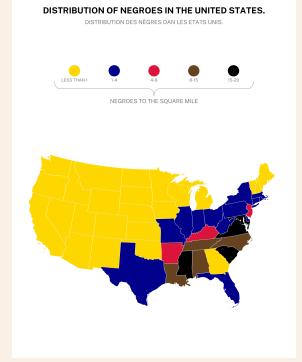
1896

1897

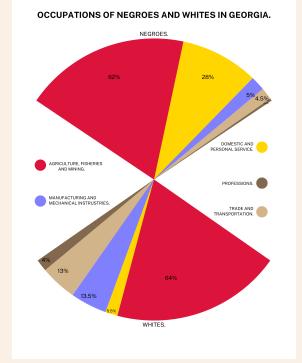
1898

1899

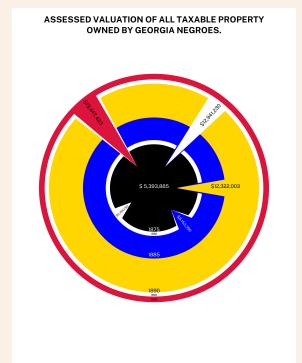
1900



We are here



This is who we are



This is how far we have come

In 2021, it began with them



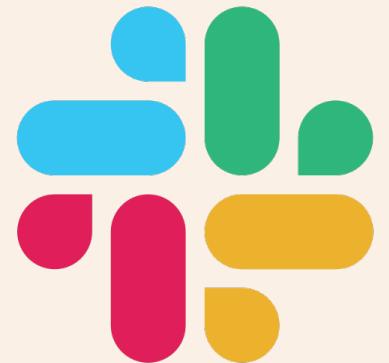
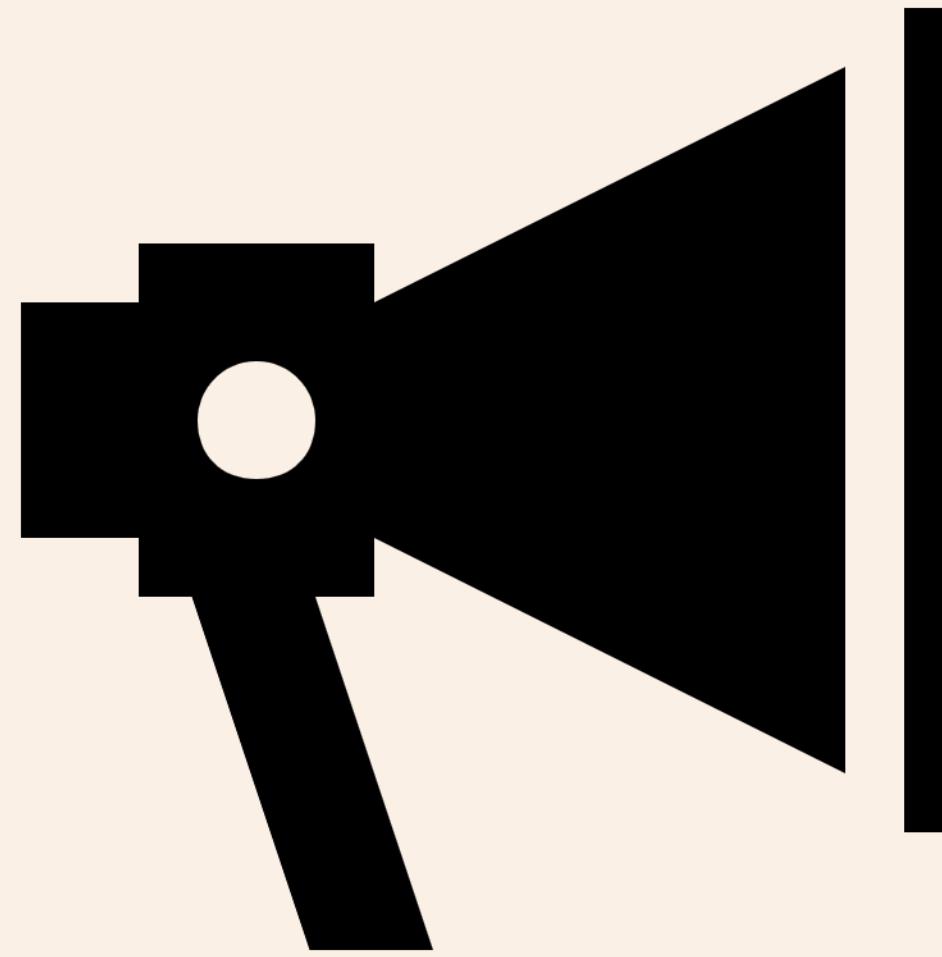
Allen Hillery (@AlDataVizGuy)



Sekou Tyler (@sqlsekou)

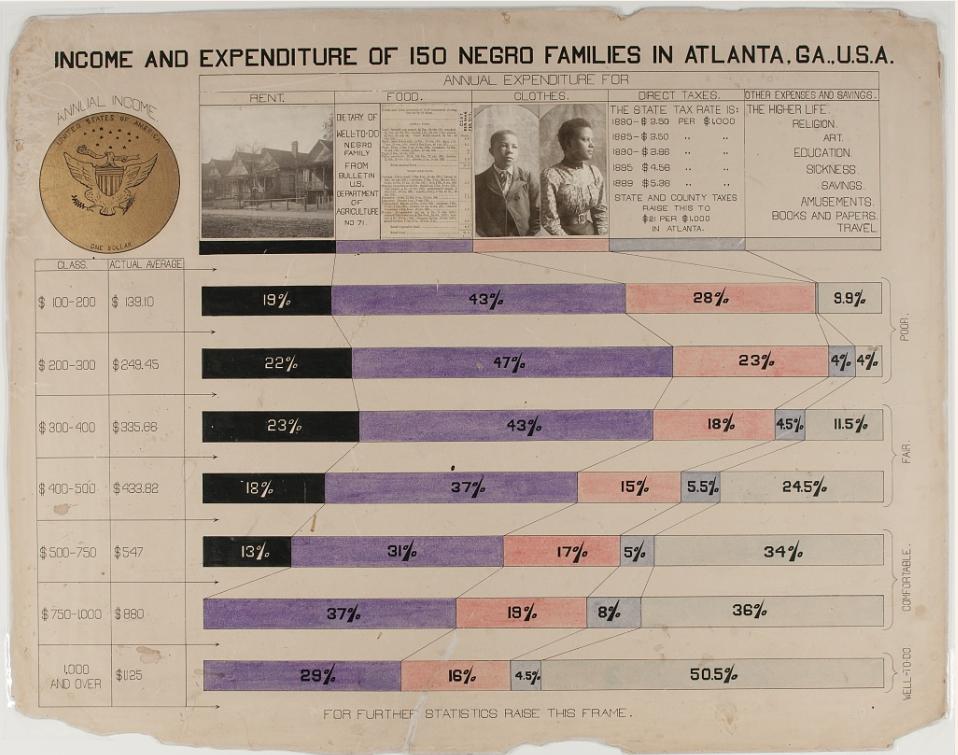
Now: Modern Megaphone

Your Message

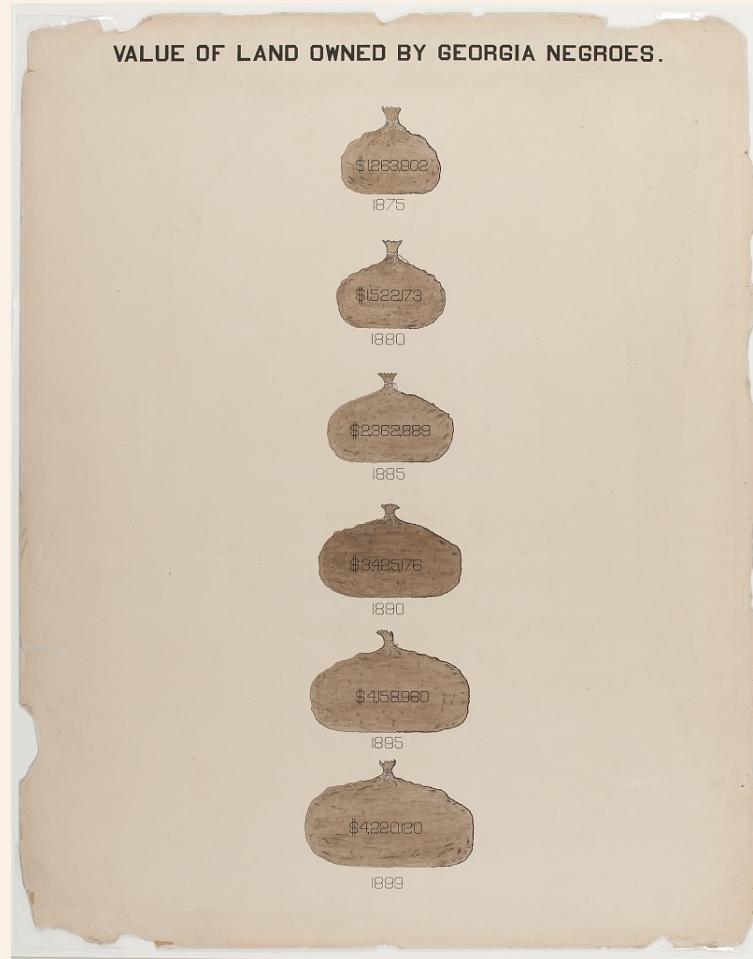


#DuboisChallenge 2023 Entries

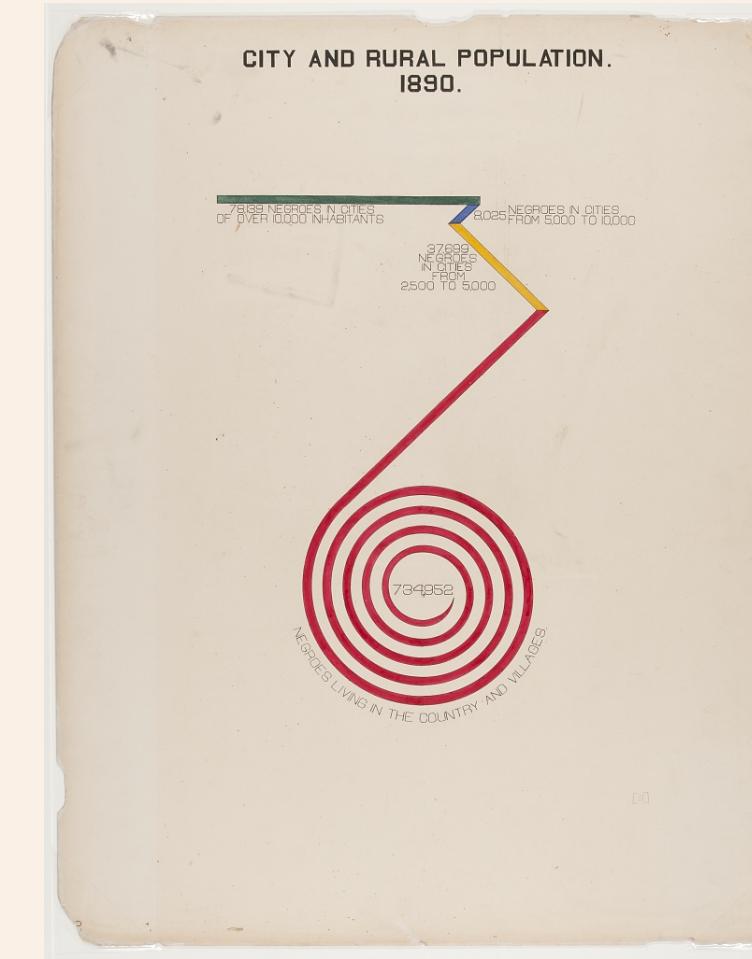
01



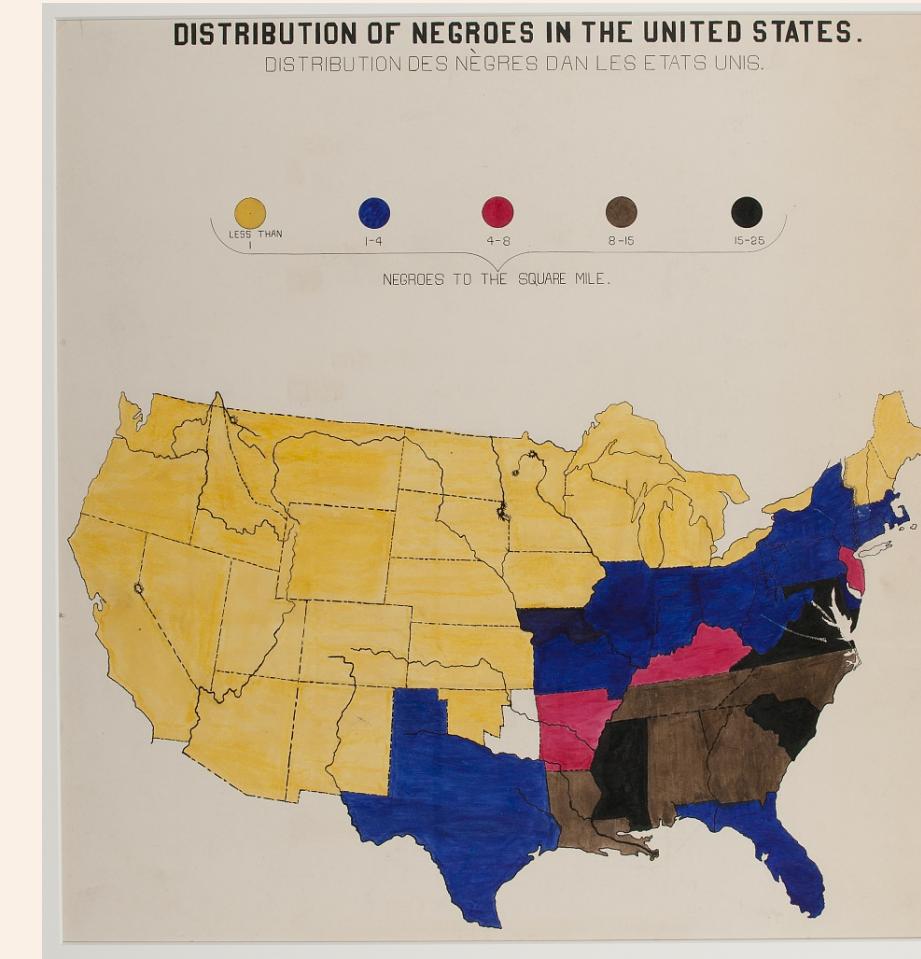
02



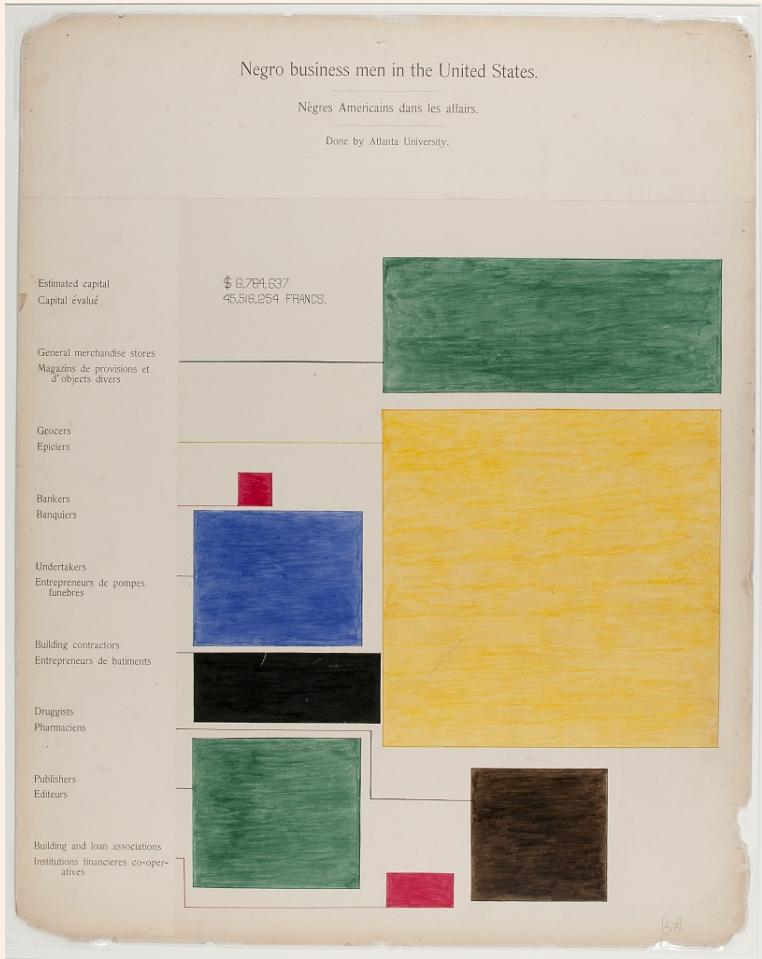
03



04



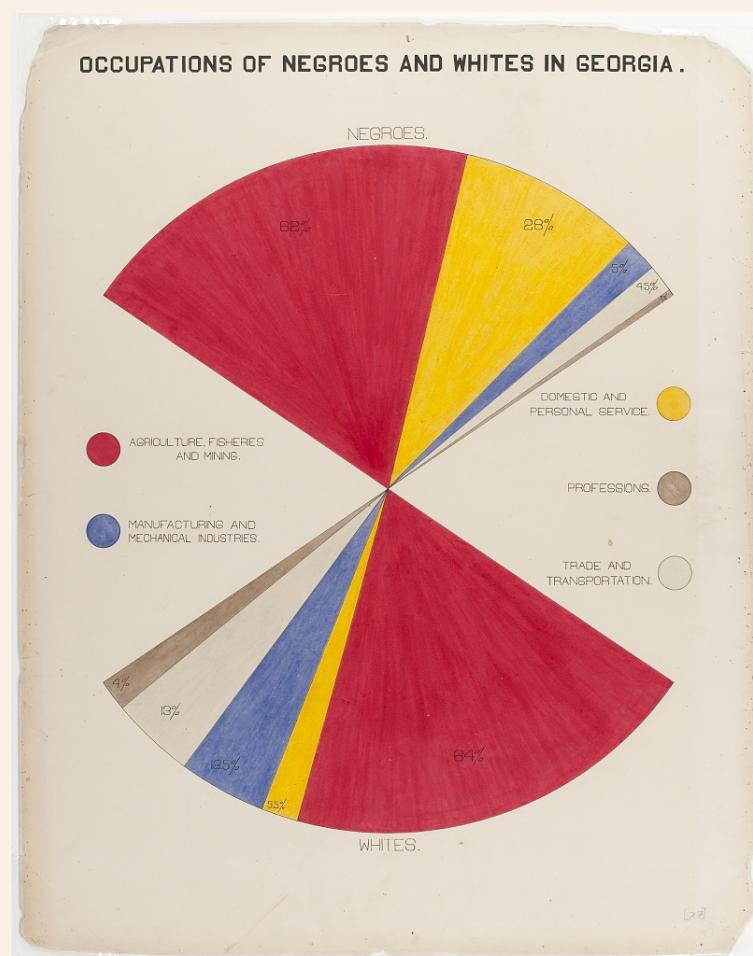
05



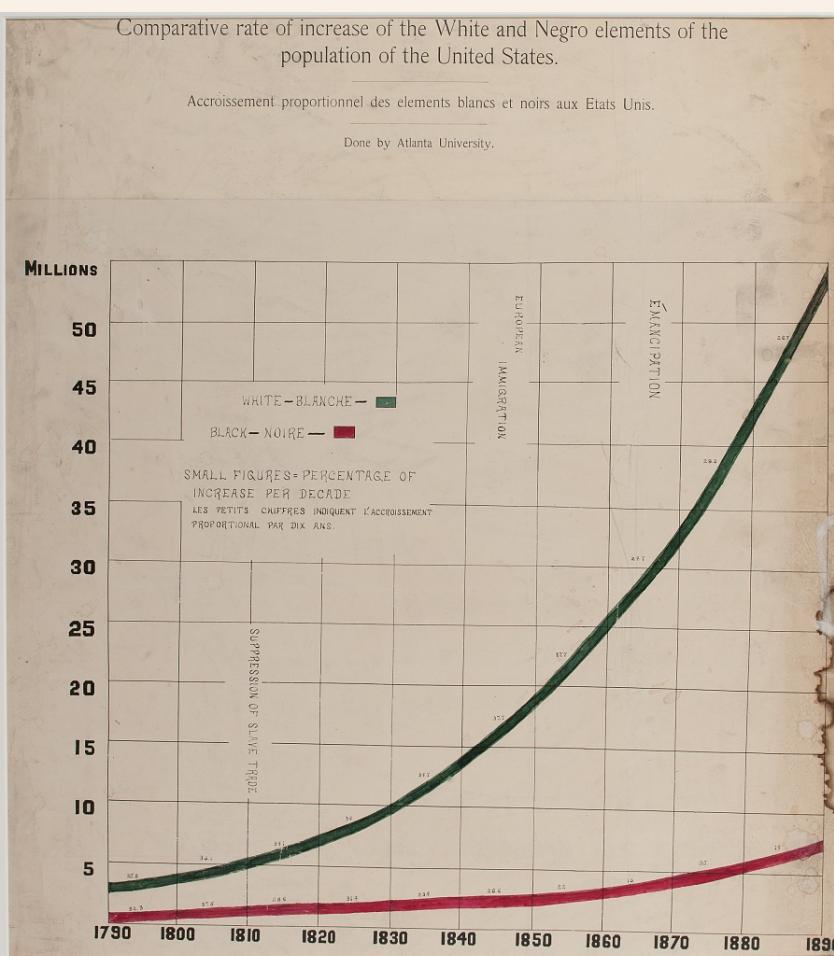
06



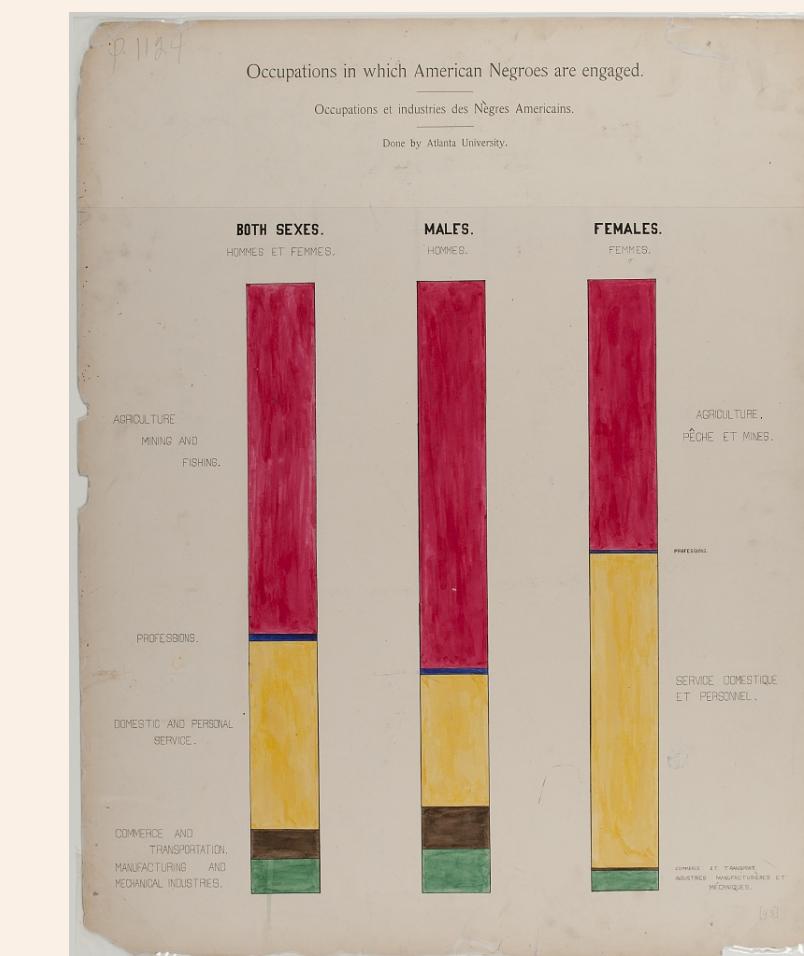
07



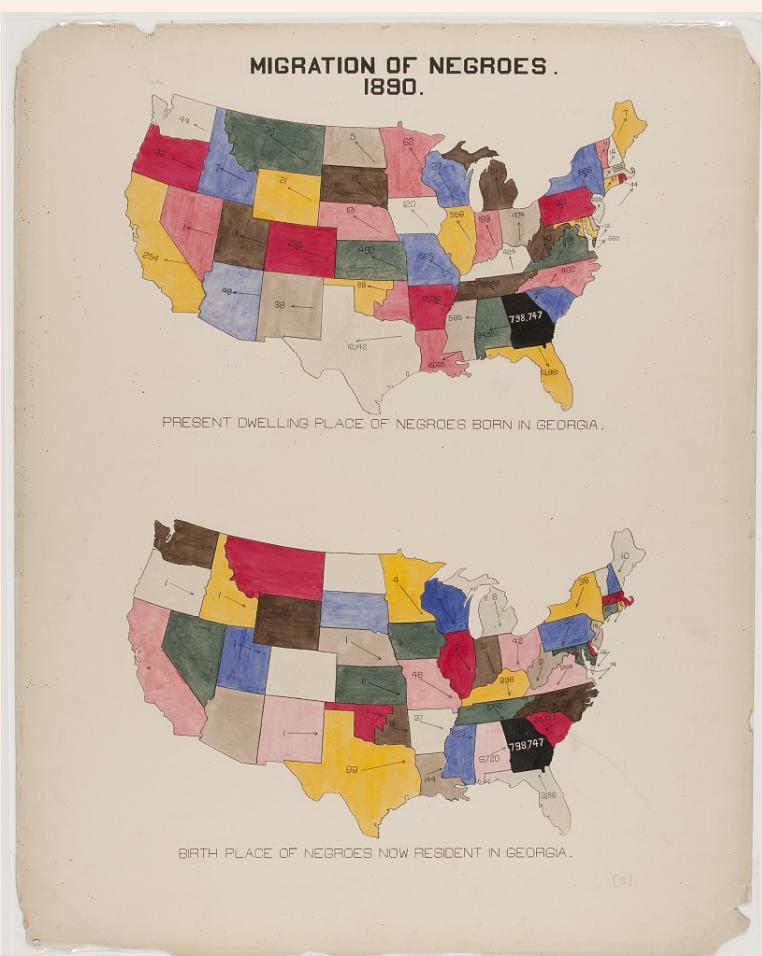
08



09



10



Using github

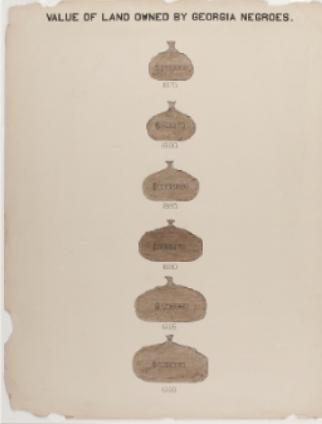
Du Bois Visualization Challenge: 2023

#DuBoisChallenge2023

01



02



03



04



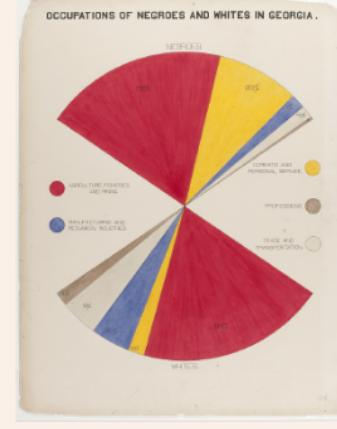
05



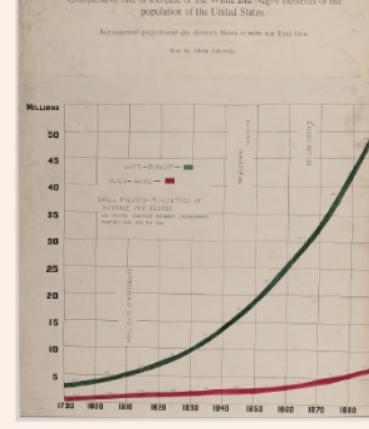
06



07



08



09



10



The goal of the challenge is to celebrate the data visualization legacy of W.E.B. Du Bois by recreating the visualizations from the 1900 Paris Exposition using modern tools.

This directory contains the data and original plates from the exposition; your goal is to re-create the visualizations using modern tools of your choice (Tableau, R, ggplot, Stata, PowerBI, decksh, etc)

There is a folder for each challenge, which includes the images of the 1900 original plates along with the corresponding data. You may submit your re-creations to twitter using the hash tag #DuBoisChallenge2023 .

Note that for 2023, we will expanding the challenge to the Data Visualization Society Slack, as well as Mastodon on vis.social

[dubois-data-portraits / challenge / 2023 / challenge01 / data.csv](#)



ajstarks fix data.csv for challenge01

last month



8 lines (8 loc) • 275 Bytes

Preview

Raw

Search this file

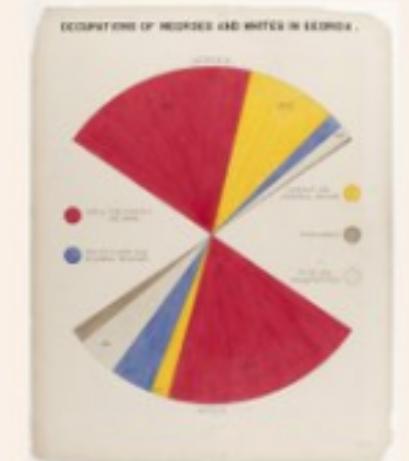
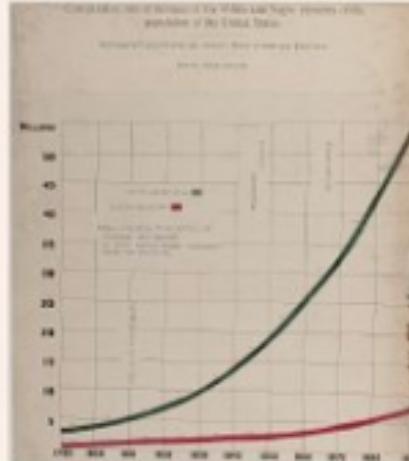
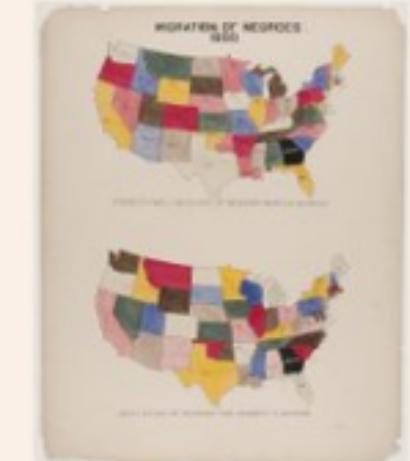
1	Class	Actual Average	Rent	Food	Clothes	Tax	Other
2	\$100-200	139.10	19	43	28	0.1	9.9
3	\$200-300	249.45	22	47	23	4	4
4	\$300-400	335.66	23	43	18	4.5	11.5
5	\$400-500	433.82	18	37	15	5.5	24.5
6	\$500-750	547.00	13	31	17	5	34
7	\$750-1000	880.00	0	37	19	8	36
8	Over \$1000	1125.00	0	29	16	4.5	50.5

The Announcement

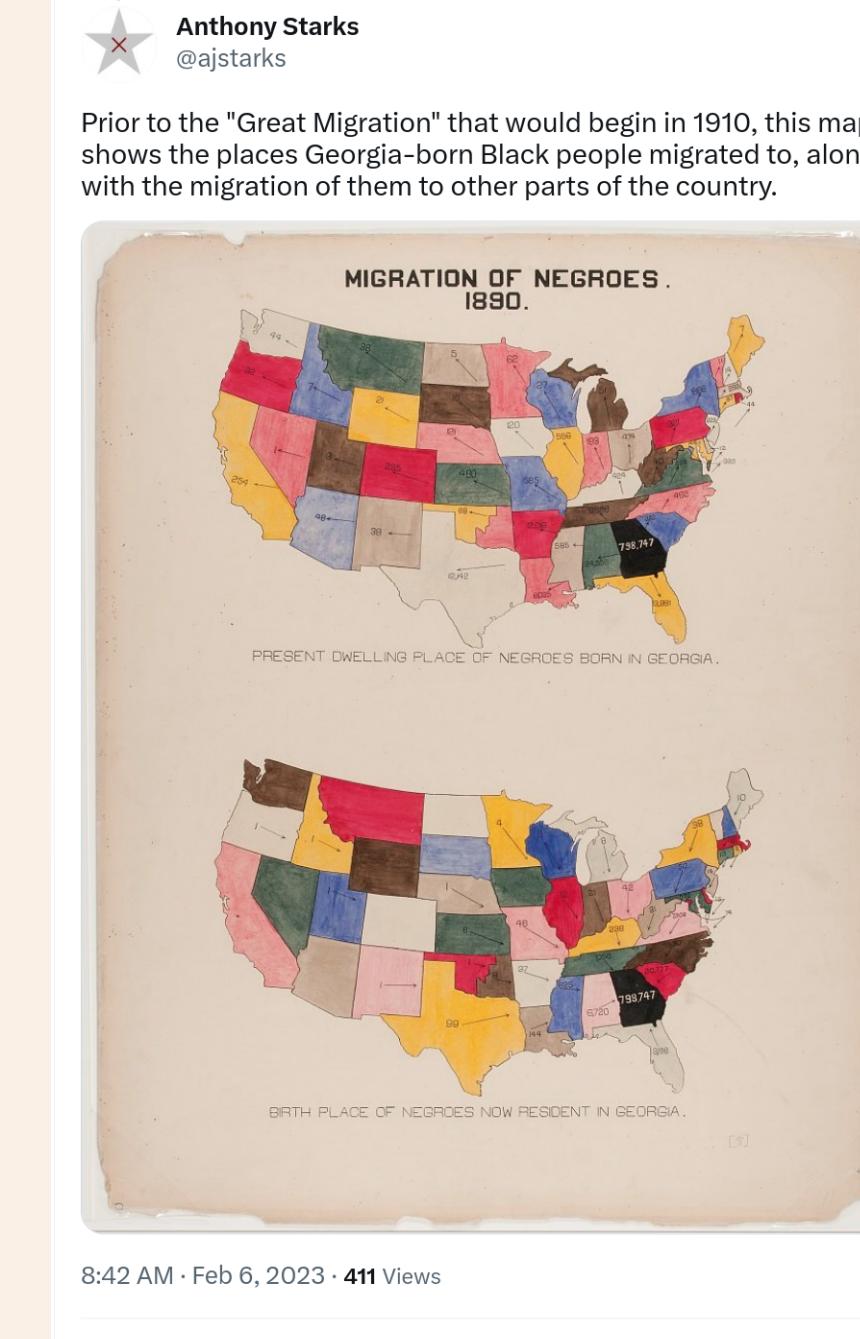
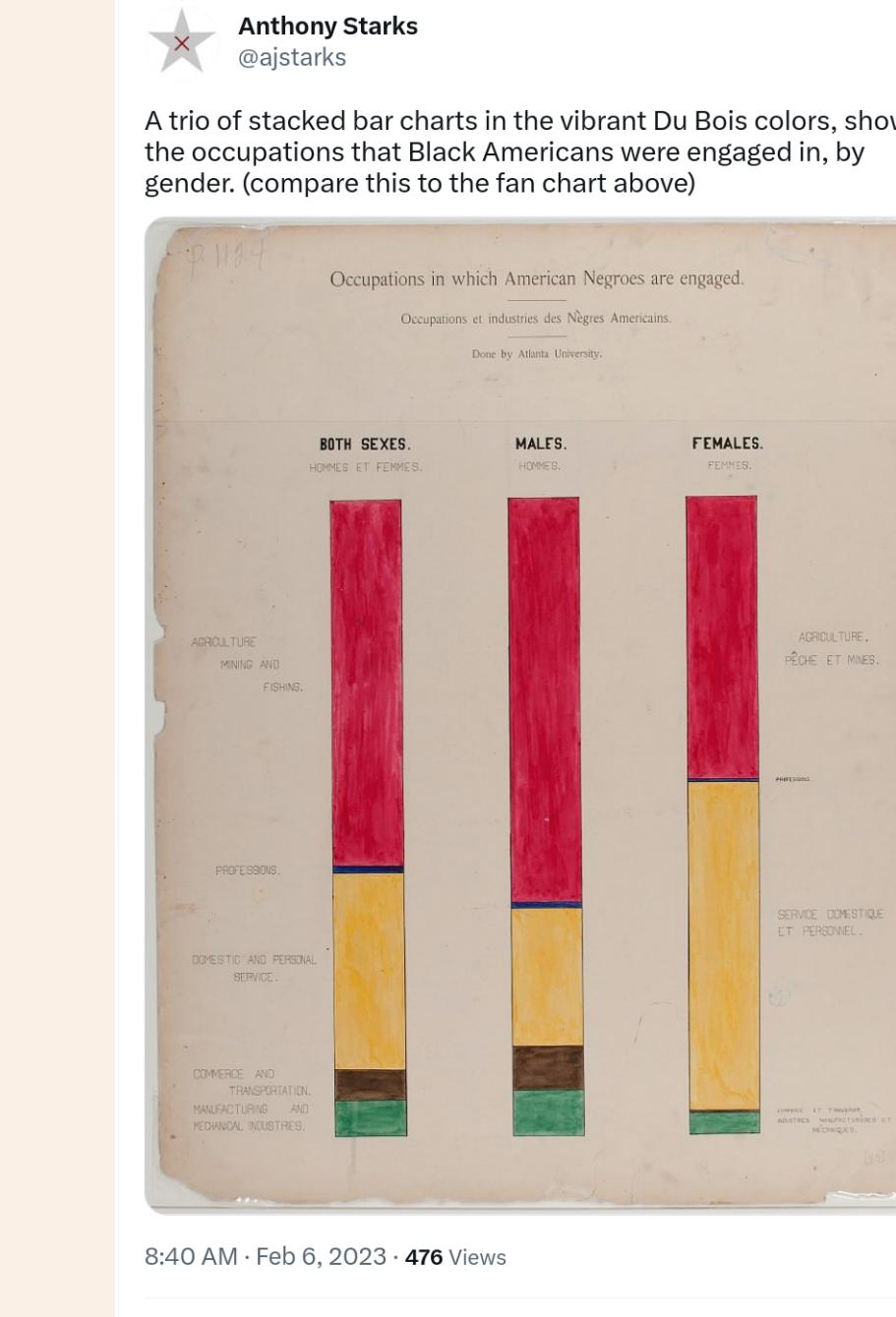
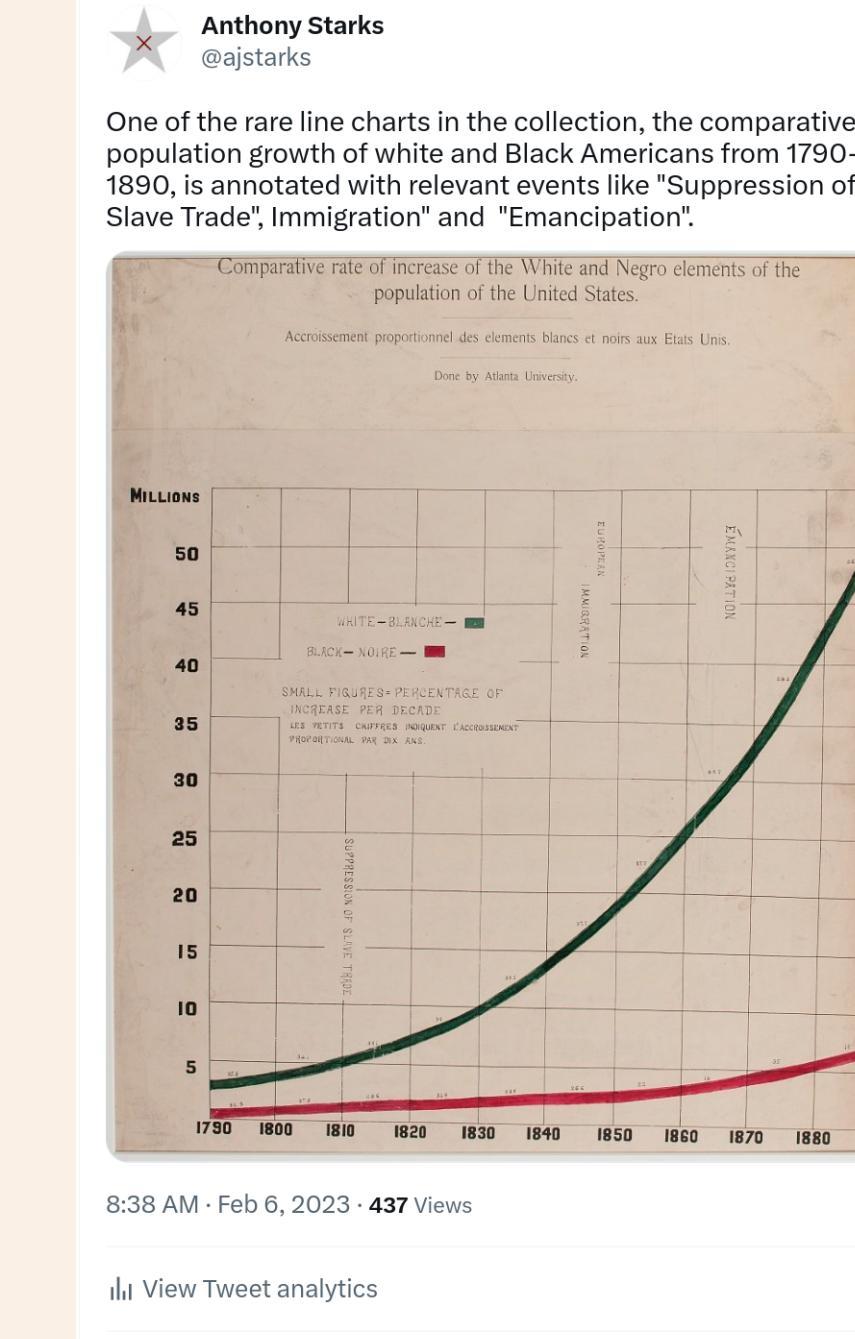
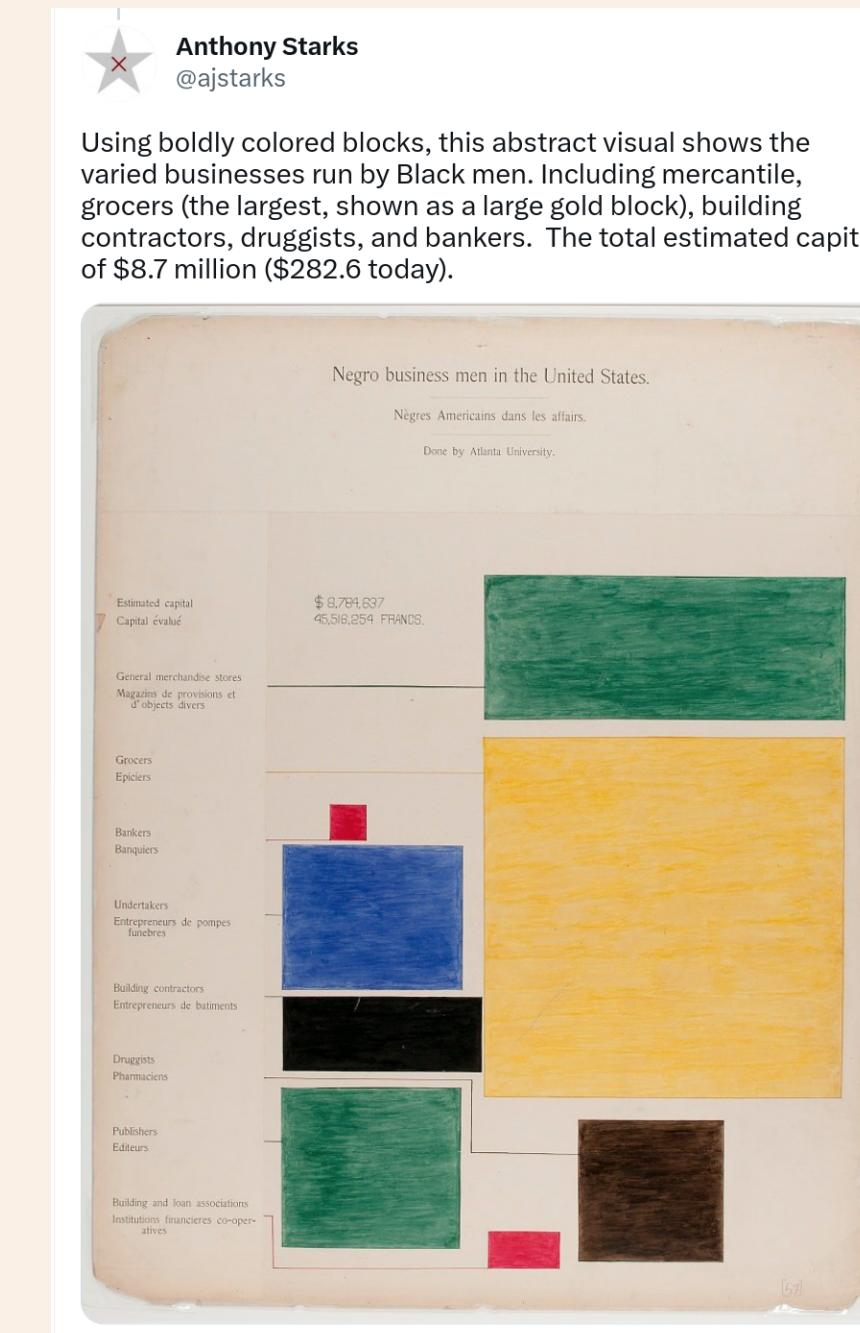
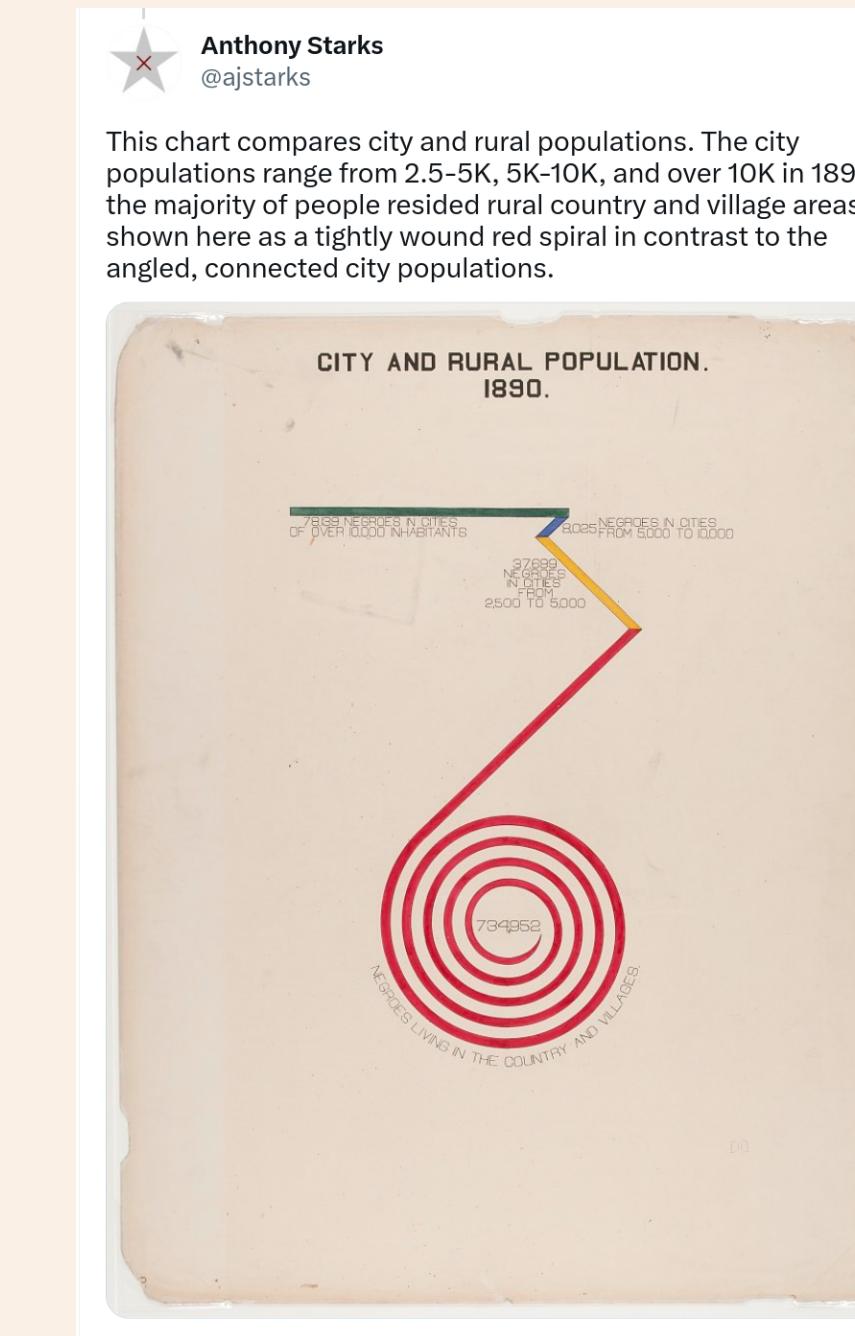
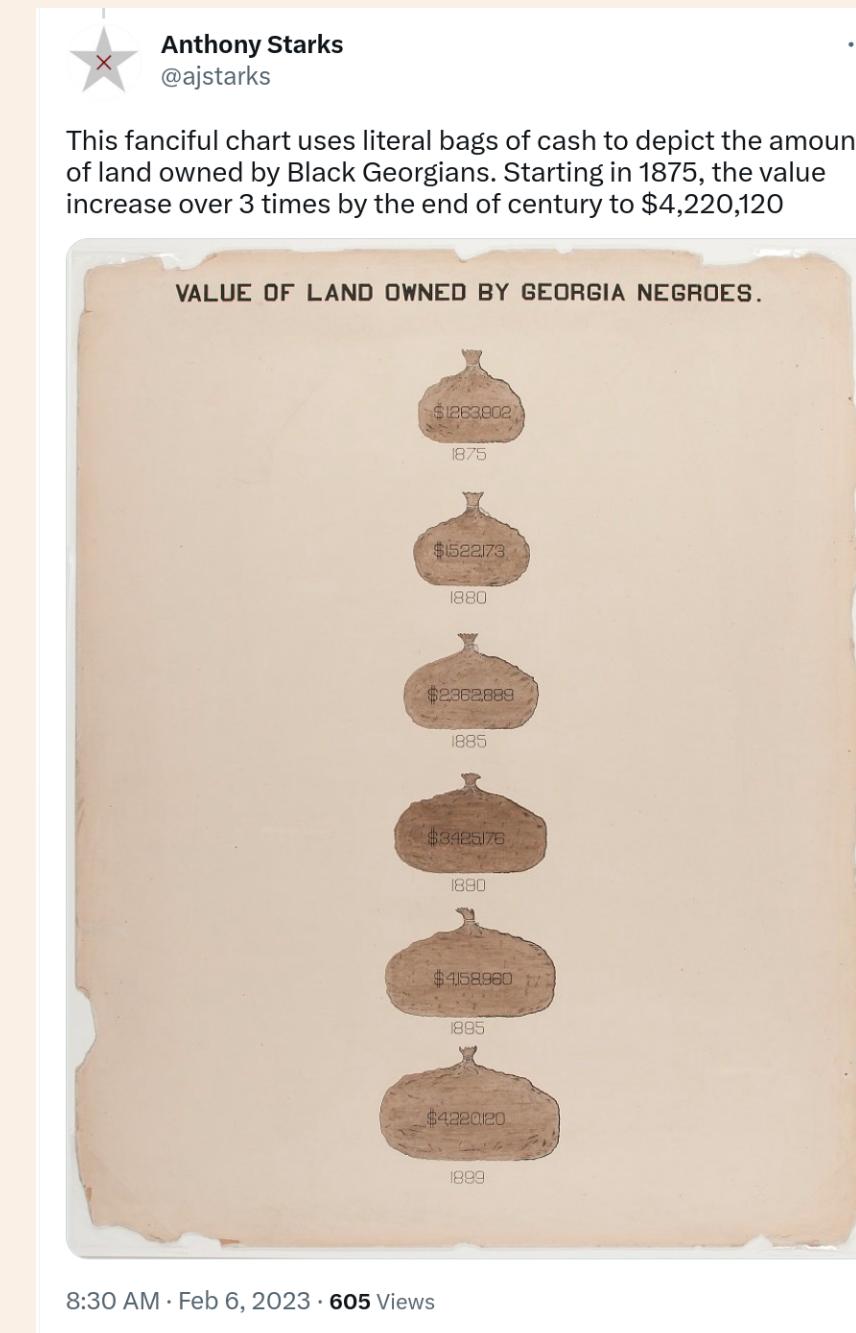
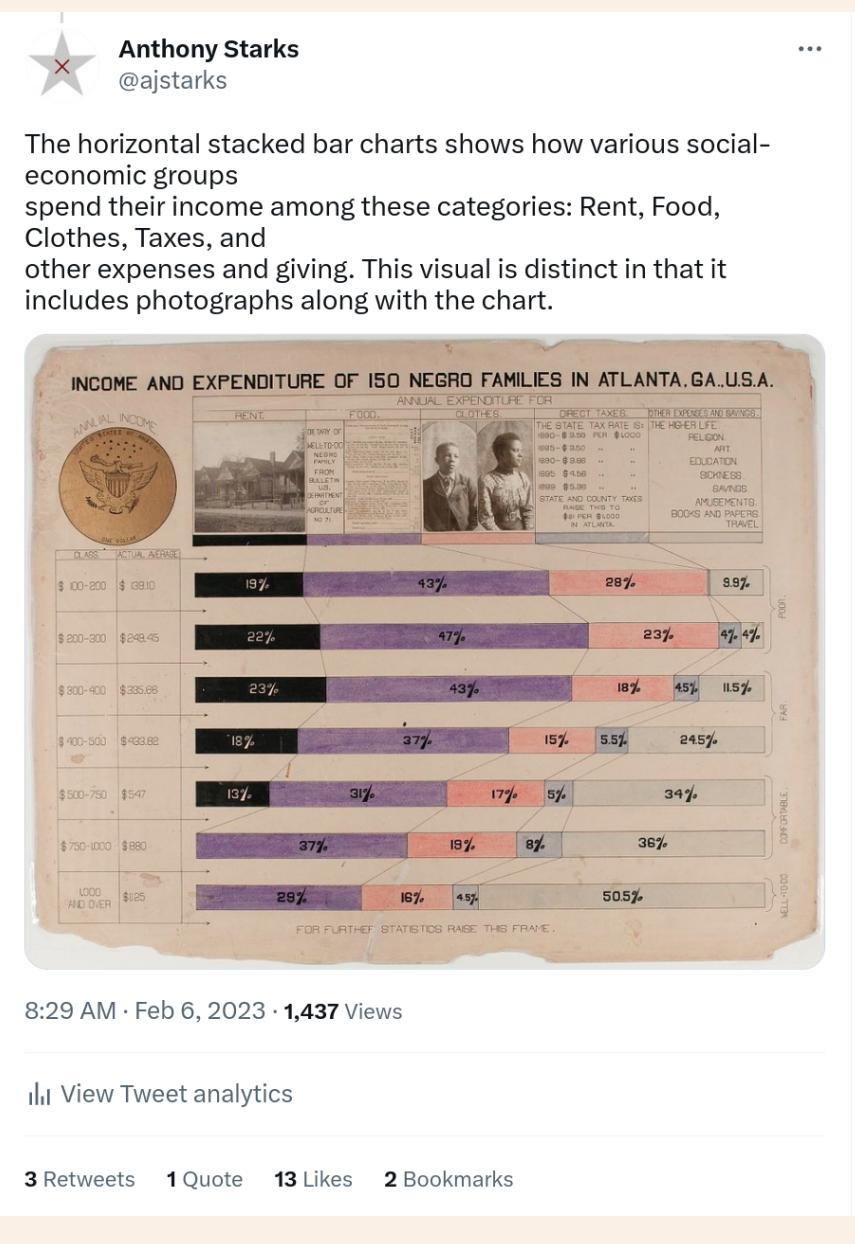
 Anthony Starks
@ajstarks ...

Welcome to the [#DuboisChallenge2023](#), where we ask the community over 10 weeks to recreate the visuals of W.E.B Du Bois from the Paris Expo of 1900. In this thread, I'll describe each visual.
see: github.com/ajstarks/duboi...

#DuBoisChallenge2023

01	02	03	04	05
				
06	07	08	09	10
 ALT				

8:28 AM · Feb 6, 2023 · 35.7K Views



Toochukwu Ifezie [@TIfize37321](#)

Hi everyone! My name is Toochukwu Ifezie, and I am participating in the #DuBoisChallenge2023 as part of my Data Science for Social Justice class at Fisk University. My data shows the income and expenditure of 150 black families in Atlanta GA.

INCOME AND EXPENDITURE OF 150 BLACK FAMILIES IN ATLANTA, GA., U.S.A.

ANNUAL EXPENDITURE FOR	Tax	Rent	Other	Food	Clothes
\$100-200	\$139.10	19%	43%	28%	10%
\$200-300	\$249.45	22%	47%	23%	5%
\$300-400	\$335.66	23%	43%	18%	12%
\$400-500	\$433.82	18%	37%	15%	6%
\$500-750	\$547.00	13%	31%	17%	5%
\$750-1000	\$880.00	37%	19%	8%	36%
Over \$1000	\$1,125.00	29%	16%	5%	51%

VALUE OF LAND OWNED BY BLACK PEOPLE IN GEORGIA.

8:20 PM · Mar 14, 2023 · 840 Views

2 Retweets 2 Quotes 13 Likes 1 Bookmark

ícaro Bernardes [@IcaroBSC](#)

This week's #DuBoisChallenge2023 #dataviz shows the number of incarcerated people in Brazil by race (2nd half of 2021). The length of each section is proportional to this number.

I used the #RStats code made by @UST_MSDS to add simulated brushstrokes.

INCARCERATED PEOPLE BY RACE IN BRAZIL (2ND HALF OF 2021).

PERSONNES INCARCÉRÉES PAR RACE AU BRÉSIL (2ÈME SEMESTRE 2021).

INSPIRED BY: W.E.B. DU BOIS | DATA FROM: SENAPPEN AND IBGE | GRAPHIC BY: ÍCARO BERNARDES
@IcaroBSC | @IcaroBernardes | @icarobsc

3664 PRISONERS PER MILLION OF BLACK POPULATION.

ARNOLD PLATON

Third #DuBoisChallenge2023 chart, this time looking at the differences in educational attainment between the Roma minority and wider Romanian society.

A shocking difference. 🤯

EDUCATIONAL ATTAINMENT OF THE ROMA AND GADJE (NON-ROMA) IN ROMANIA

DATA: 2011 ROMANIAN CENSUS (AGE: 10+) #DUBOISCHALLENGE2023 - @ARNOLD_PLATON

Applied Data Science at UST @UST_MSDS · Mar 5

Klaus Schulte [@ProfDrKSchulte](#)

My take on Challenge 2 of the #DuBoisChallenge2023.

I twisted the original a little bit and leveraged @ladataviz's Beeswarm Generator, created a custom shape, and transformed everything to a unit chart. Viz on @tableaupublic : [@tableaupublic : lndk.in/eXg-ekuY](https://tableaupublic.com/ekuY) @ajstarks

VALUE OF LAND OWNED BY BLACK PEOPLE IN GEORGIA.

#DuBoisChallenge2023 Data: Anthony Starke | @ajstarks | Klaus Schulte | @profdrkschulte

6:12 AM · Feb 11, 2023 · 2,681 Views

2 Retweets 35 Likes 1 Bookmark

ícaro Bernardes [@IcaroBSC](#)

Another #dataviz work made in #RStats for the #DuBoisChallenge2023. It shows the tragic number of homicide victims in Brazil by sex and race (2020).

Black men alone are the target of more than 70 percent of these crimes. More than half of them have ages between 15-29.

HOMICIDE VICTIMS BY RACE AND SEX.

DEATHS IN BRAZIL IN 2020.

INSPIRED BY: W.E.B. DU BOIS | DATA FROM: IBGE | GRAPHIC BY: ÍCARO BERNARDES
@IcaroBSC | @IcaroBernardes | @icarobsc

ALT

9:47 AM · Feb 24, 2023 · 7,144 Views

16 Retweets 2 Quotes 65 Likes 5 Bookmarks

Applied Data Science at UST @UST_MSDS · Mar 5

ícaro Bernardes [@IcaroBSC](#)

Another #dataviz work made in #RStats for the #DuBoisChallenge2023. It shows the tragic number of homicide victims in Brazil by sex and race (2020).

Black men alone are the target of more than 70 percent of these crimes. More than half of them have ages between 15-29.

HOMICIDE VICTIMS BY RACE AND SEX.

DEATHS IN BRAZIL IN 2020.

INSPIRED BY: W.E.B. DU BOIS | DATA FROM: IBGE | GRAPHIC BY: ÍCARO BERNARDES
@IcaroBSC | @IcaroBernardes | @icarobsc

ALT

9:47 AM · Feb 24, 2023 · 7,144 Views

16 Retweets 2 Quotes 65 Likes 5 Bookmarks

Applied Data Science at UST @UST_MSDS · Mar 5

ícaro Bernardes [@IcaroBSC](#)

Another #dataviz work made in #RStats for the #DuBoisChallenge2023. It shows the tragic number of homicide victims in Brazil by sex and race (2020).

Black men alone are the target of more than 70 percent of these crimes. More than half of them have ages between 15-29.

HOMICIDE VICTIMS BY RACE AND SEX.

DEATHS IN BRAZIL IN 2020.

INSPIRED BY: W.E.B. DU BOIS | DATA FROM: IBGE | GRAPHIC BY: ÍCARO BERNARDES
@IcaroBSC | @IcaroBernardes | @icarobsc

ALT

9:47 AM · Feb 24, 2023 · 7,144 Views

16 Retweets 2 Quotes 65 Likes 5 Bookmarks

Applied Data Science at UST @UST_MSDS · Mar 5

ícaro Bernardes [@IcaroBSC](#)

Another #dataviz work made in #RStats for the #DuBoisChallenge2023. It shows the tragic number of homicide victims in Brazil by sex and race (2020).

Black men alone are the target of more than 70 percent of these crimes. More than half of them have ages between 15-29.

HOMICIDE VICTIMS BY RACE AND SEX.

DEATHS IN BRAZIL IN 2020.

INSPIRED BY: W.E.B. DU BOIS | DATA FROM: IBGE | GRAPHIC BY: ÍCARO BERNARDES
@IcaroBSC | @IcaroBernardes | @icarobsc

ALT

9:47 AM · Feb 24, 2023 · 7,144 Views

16 Retweets 2 Quotes 65 Likes 5 Bookmarks

Applied Data Science at UST @UST_MSDS · Mar 5

ícaro Bernardes [@IcaroBSC](#)

Another #dataviz work made in #RStats for the #DuBoisChallenge2023. It shows the tragic number of homicide victims in Brazil by sex and race (2020).

Black men alone are the target of more than 70 percent of these crimes. More than half of them have ages between 15-29.

HOMICIDE VICTIMS BY RACE AND SEX.

DEATHS IN BRAZIL IN 2020.

INSPIRED BY: W.E.B. DU BOIS | DATA FROM: IBGE | GRAPHIC BY: ÍCARO BERNARDES
@IcaroBSC | @IcaroBernardes | @icarobsc

ALT

9:47 AM · Feb 24, 2023 · 7,144 Views

16 Retweets 2 Quotes 65 Likes 5 Bookmarks

Applied Data Science at UST @UST_MSDS · Mar 5

ícaro Bernardes [@IcaroBSC](#)

Another #dataviz work made in #RStats for the #DuBoisChallenge2023. It shows the tragic number of homicide victims in Brazil by sex and race (2020).

Black men alone are the target of more than 70 percent of these crimes. More than half of them have ages between 15-29.

HOMICIDE VICTIMS BY RACE AND SEX.

DEATHS IN BRAZIL IN 2020.

INSPIRED BY: W.E.B. DU BOIS | DATA FROM: IBGE | GRAPHIC BY: ÍCARO BERNARDES
@IcaroBSC | @IcaroBernardes | @icarobsc

ALT

9:47 AM · Feb 24, 2023 · 7,144 Views

16 Retweets 2 Quotes 65 Likes 5 Bookmarks

Applied Data Science at UST @UST_MSDS · Mar 5

ícaro Bernardes [@IcaroBSC](#)

Another #dataviz work made in #RStats for the #DuBoisChallenge2023. It shows the tragic number of homicide victims in Brazil by sex and race (2020).

Black men alone are the target of more than 70 percent of these crimes. More than half of them have ages between 15-29.

HOMICIDE VICTIMS BY RACE AND SEX.

DEATHS IN BRAZIL IN 2020.

INSPIRED BY: W.E.B. DU BOIS | DATA FROM: IBGE | GRAPHIC BY: ÍCARO BERNARDES
@IcaroBSC | @IcaroBernardes | @icarobsc

ALT

9:47 AM · Feb 24, 2023 · 7,144 Views

16 Retweets 2 Quotes 65 Likes 5 Bookmarks

Applied Data Science at UST @UST_MSDS · Mar 5

ícaro Bernardes [@IcaroBSC](#)

Another #dataviz work made in #RStats for the #DuBoisChallenge2023. It shows the tragic number of homicide victims in Brazil by sex and race (2020).

Black men alone are the target of more than 70 percent of these crimes. More than half of them have ages between 15-29.

HOMICIDE VICTIMS BY RACE AND SEX.

DEATHS IN BRAZIL IN 2020.

INSPIRED BY: W.E.B. DU BOIS | DATA FROM: IBGE | GRAPHIC BY: ÍCARO BERNARDES
@IcaroBSC | @IcaroBernardes | @icarobsc

ALT

9:47 AM · Feb 24, 2023 · 7,144 Views

16 Retweets 2 Quotes 65 Likes 5 Bookmarks

Applied Data Science at UST @UST_MSDS · Mar 5

ícaro Bernardes [@IcaroBSC](#)

Another #dataviz work made in #RStats for the #DuBoisChallenge2023. It shows the tragic number of homicide victims in Brazil by sex and race (2020).

Black men alone are the target of more than 70 percent of these crimes. More than half of them have ages between 15-29.

HOMICIDE VICTIMS BY RACE AND SEX.

DEATHS IN BRAZIL IN 2020.

INSPIRED BY: W.E.B. DU BOIS | DATA FROM: IBGE | GRAPHIC BY: ÍCARO BERNARDES
@IcaroBSC | @IcaroBernardes | @icarobsc

ALT

9:47 AM · Feb 24, 2023 · 7,144 Views

16 Retweets 2 Quotes 65 Likes 5 Bookmarks

Applied Data Science at UST @UST_MSDS · Mar 5

ícaro Bernardes [@IcaroBSC](#)

Another #dataviz work made in #RStats for the #DuBoisChallenge2023. It shows the tragic number of homicide victims in Brazil by sex and race (2020).

Black men alone are the target of more than 70 percent of these crimes. More than half of them have ages between 15-29.

HOMICIDE VICTIMS BY RACE AND SEX.

DEATHS IN BRAZIL IN 2020.

INSPIRED BY: W.E.B. DU BOIS | DATA FROM: IBGE | GRAPHIC BY: ÍCARO BERNARDES
@IcaroBSC | @IcaroBernardes | @icarobsc

ALT

9:47 AM · Feb 24, 2023 · 7,144 Views

16 Retweets 2 Quotes 65 Likes 5 Bookmarks

Applied Data Science at UST @UST_MSDS · Mar 5

ícaro Bernardes [@IcaroBSC](#)

Another #dataviz work made in #RStats for the #DuBoisChallenge2023. It shows the tragic number of homicide victims in Brazil by sex and race (2020).

Black men alone are the target of more than 70 percent of these crimes. More than half of them have ages between 15-29.

HOMICIDE VICTIMS BY RACE AND SEX.

DEATHS IN BRAZIL IN 2020.

INSPIRED BY: W.E.B. DU BOIS | DATA FROM: IBGE | GRAPHIC BY: ÍCARO BERNARDES
@IcaroBSC | @IcaroBernardes | @icarobsc

ALT

9:47 AM · Feb 24, 2023 · 7,144 Views

16 Retweets 2 Quotes 65 Likes 5 Bookmarks

Applied Data Science at UST @UST_MSDS · Mar 5

ícaro Bernardes [@IcaroBSC](#)

Another #dataviz work made in #RStats for the #DuBoisChallenge2023. It shows the tragic number of homicide victims in Brazil by sex and race (2020).

Black men alone are the target of more than 70 percent of these crimes. More than half of them have ages between 15-29.

HOMICIDE VICTIMS BY RACE AND SEX.

DEATHS IN BRAZIL IN 2020.

INSPIRED BY: W.E.B. DU BOIS | DATA FROM: IBGE | GRAPHIC BY: ÍCARO BERNARDES
@IcaroBSC | @IcaroBernardes | @icarobsc

ALT

9:47 AM · Feb 24, 2023 · 7,144 Views

16 Retweets 2 Quotes 65 Likes 5 Bookmarks

Applied Data Science at UST @UST_MSDS · Mar 5

ícaro Bernardes [@IcaroBSC](#)

Another #dataviz work made in #RStats for the #DuBoisChallenge2023. It shows the tragic number of homicide victims in Brazil by sex and race (2020).

Black men alone are the target of more than 70 percent of these crimes. More than half of them have ages between 15-29.

HOMICIDE VICTIMS BY RACE AND SEX.

DEATHS IN BRAZIL IN 2020.

INSPIRED BY: W.E.B. DU BOIS | DATA FROM: IBGE | GRAPHIC BY: ÍCARO BERNARDES
@IcaroBSC | @IcaroBernardes | @icarobsc

ALT

9:47 AM · Feb 24, 2023 · 7,144 Views

16 Retweets 2 Quotes 65 Likes 5 Bookmarks

Applied Data Science at UST @UST_MSDS · Mar 5

ícaro Bernardes [@IcaroBSC](#)

Another #dataviz work made in #RStats for the #DuBoisChallenge2023. It shows the tragic number of homicide victims in Brazil by sex and race (2020).

Black men alone are the target of more than 70 percent of these crimes. More than half of them have ages between 15-29.

HOMICIDE VICTIMS BY RACE AND SEX.

DEATHS IN BRAZIL IN 2020.

INSPIRED BY: W.E.B. DU BOIS | DATA FROM: IBGE | GRAPHIC BY: ÍCARO BERNARDES
@IcaroBSC | @IcaroBernardes | @icarobsc

ALT

9:47 AM · Feb 24, 2023 · 7,144 Views

16 Retweets 2 Quotes 65 Likes 5 Bookmarks

Applied Data Science at UST @UST_MSDS · Mar 5

ícaro Bernardes [@IcaroBSC](#)

Another #dataviz work made in #RStats for the #DuBoisChallenge2023. It shows the tragic number of homicide victims in Brazil by sex and race (2020).

Black men alone are the target of more than 70 percent of these crimes. More than half of them have ages between 15-29.

HOMICIDE VICTIMS BY RACE AND SEX.

DEATHS IN BRAZIL IN 2020.

INSPIRED BY: W.E.B. DU BOIS | DATA FROM: IBGE | GRAPHIC BY: ÍCARO BERNARDES
@IcaroBSC | @IcaroBernardes | @icarobsc

ALT

9:47 AM · Feb 24, 2023 · 7,144 Views

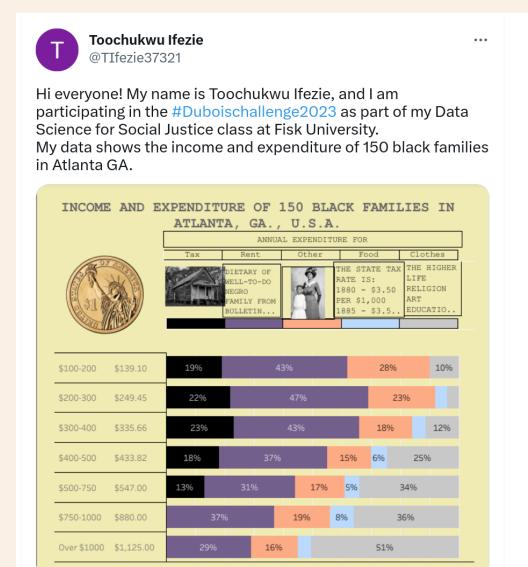
16 Retweets 2 Quotes 65 Likes 5 Bookmarks

Applied Data Science at UST @UST_MSDS · Mar 5

ícaro Bernardes [@IcaroBSC](#)

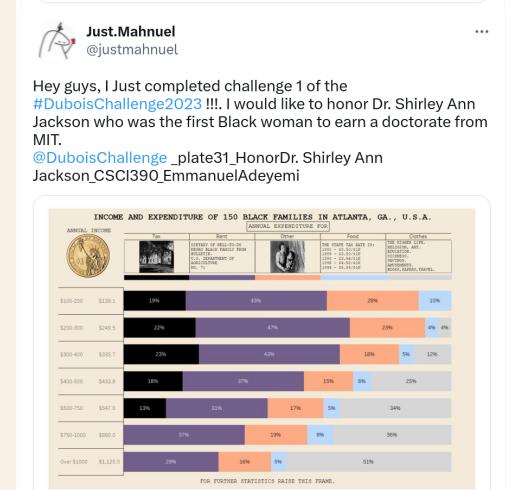
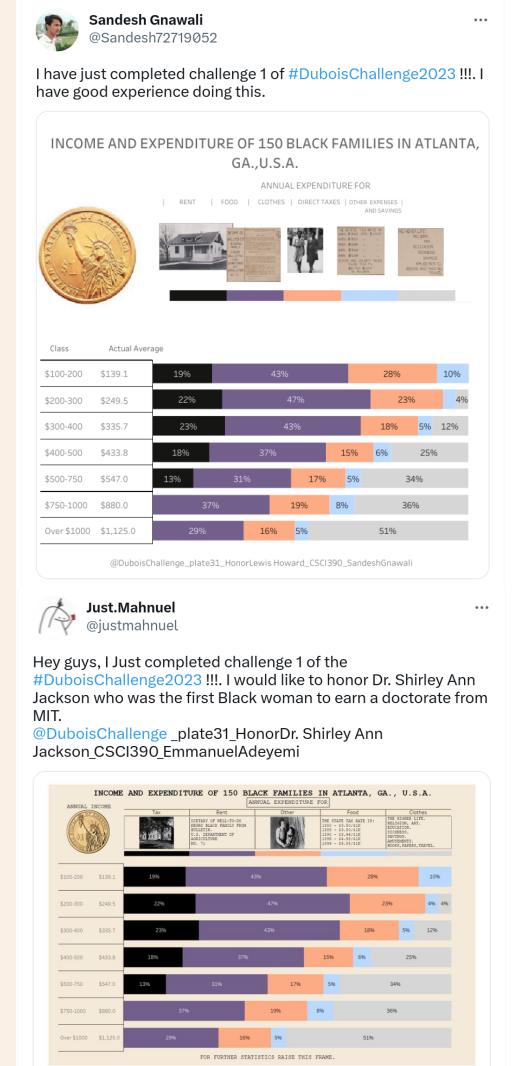
Another #dataviz work made in #RStats for the #DuBoisChallenge2023. It shows the tragic number

Fisk Students



Laila Eliotti
@only1_laila

Trent and I just finished challenge 1 of the #DuboisChallenge2023! @lena_is_light



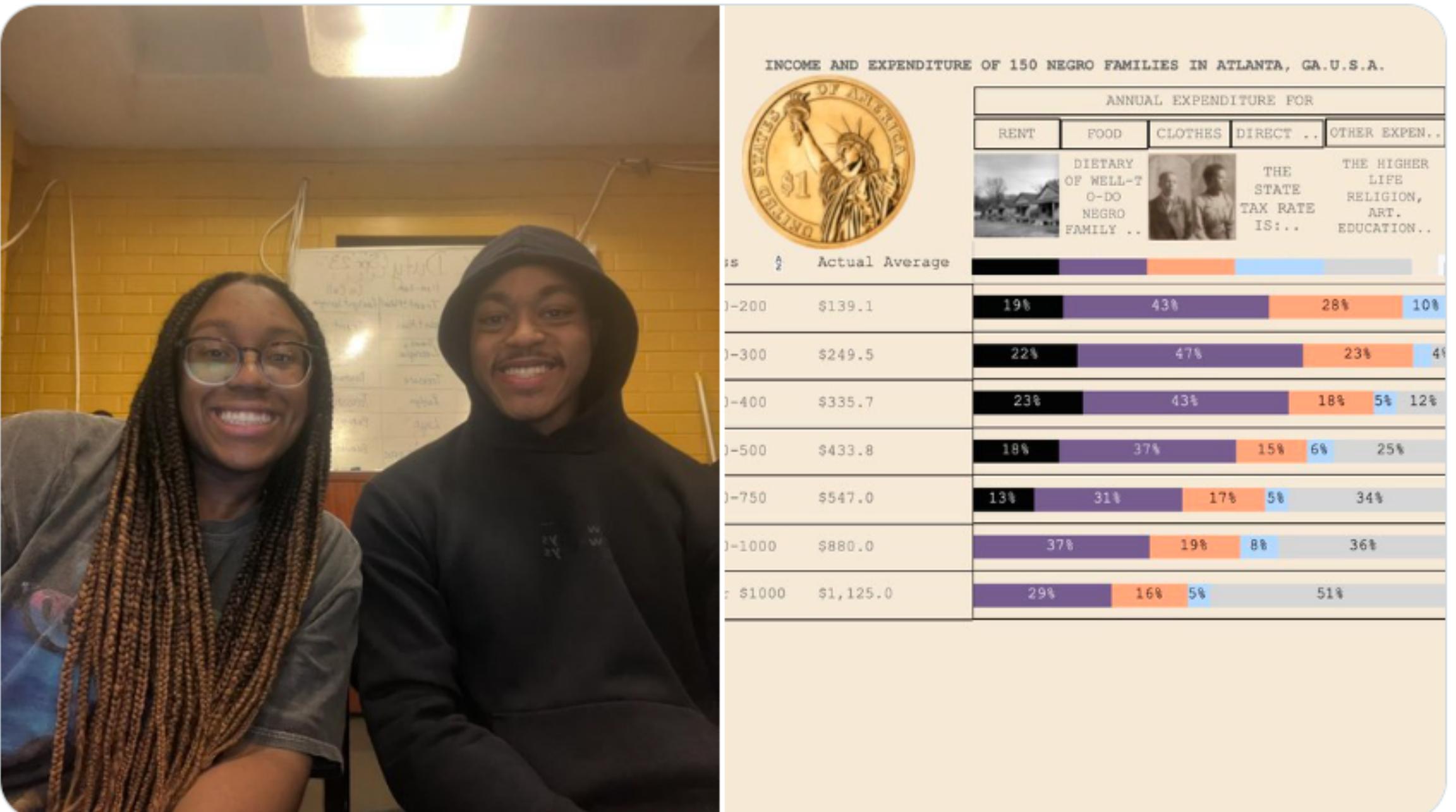
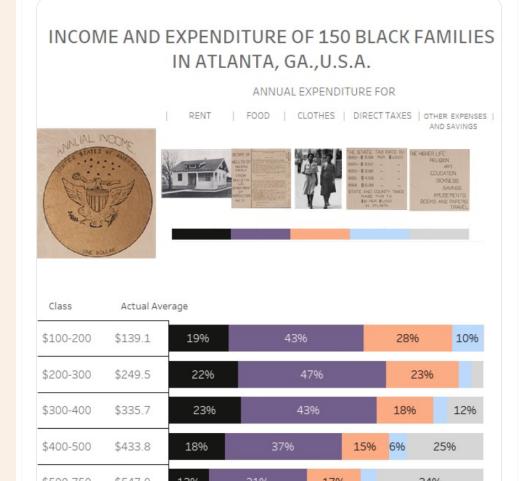
12:14 AM · Feb 22, 2023 · 198 Views

2 Retweets 5 Likes

Diamond GC
@mr_diamondGC

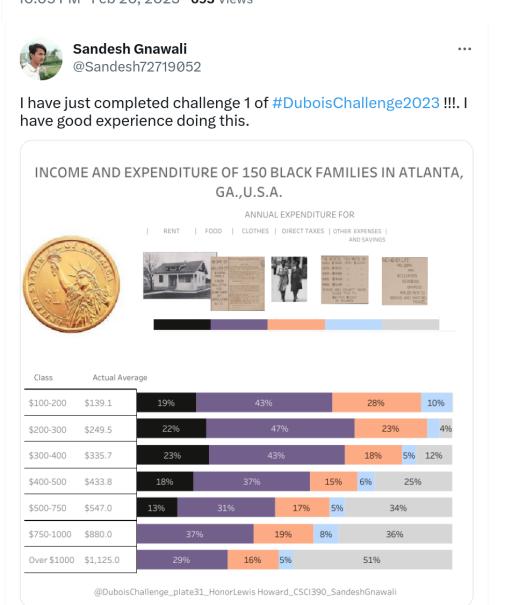
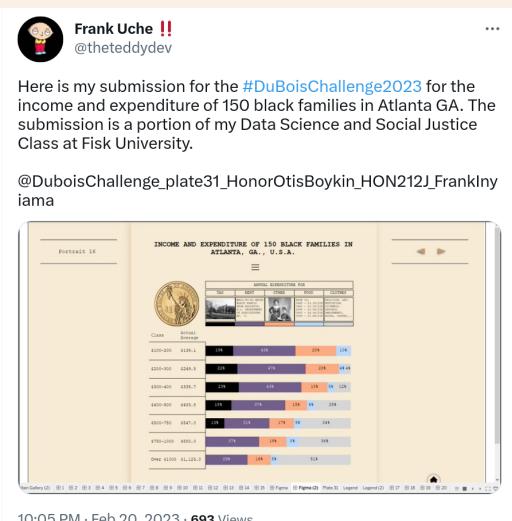
Here is my submission for the #DuboisChallenge2023 challenge 1. The submission is a portion of my Data Science and Social Justice Class at Fisk University.

@DuboisChallenge_plate31_HonorLewisHoward,CSCI390,DiamondGC



11:10 PM · Feb 15, 2023 · 1,905 Views

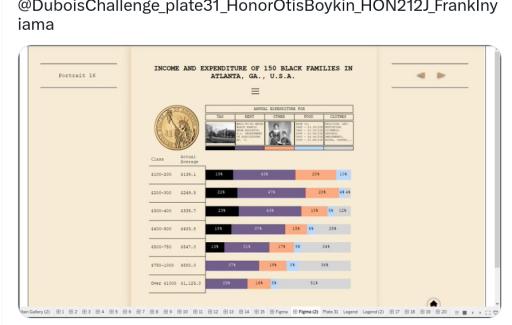
5 Retweets 1 Quote 16 Likes



11:06 PM · Feb 23, 2023 · 227 Views

Frank Uche !!
@theteddydev

Here is my submission for the #DuboisChallenge2023 for the income and expenditure of 150 black families in Atlanta GA. The submission is a portion of my Data Science and Social Justice Class at Fisk University.



11:06 PM · Feb 20, 2023 · 693 Views

Trenton Moore
@moore_of_trent

Hello everyone! Last week @only1_laila Laila and I completed challenge 1 of the Dubois Challenge! #DuboisChallenge2023 @lena_is_light

INCOME AND EXPENDITURE OF 150 NEGRO FAMILIES IN ATLANTA, GA., U.S.A.

Class	Actual Average	Rent	Food	Clothes	Direct Taxes	Other Expenses
\$100-200	\$139.1	19%	43%	28%	10%	
\$200-300	\$249.5	22%	47%	23%	4%	
\$300-400	\$335.7	23%	43%	19%	12%	
\$400-500	\$433.8	18%	37%	15%	6%	25%
\$500-750	\$547.0	19%	31%	17%	5%	34%
\$750-1000	\$880.0	37%	19%	8%	36%	
Over \$1000	\$1,125.0	29%	16%	5%	51%	

