

# 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*

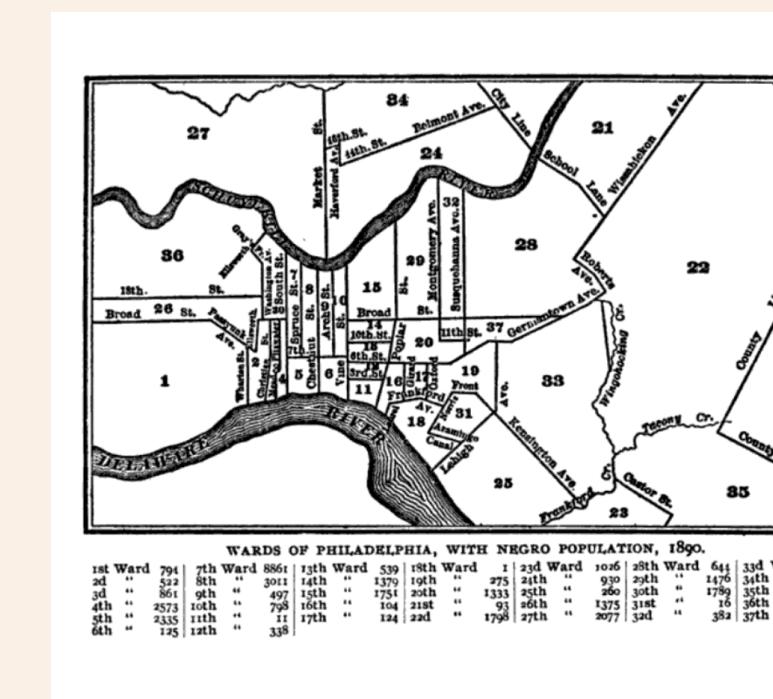


*Women seated on steps of building at Atlanta University c. 1900*

# Paris 1900



# Historical Context



"Black America" Fair

1895

Plessy v. Ferguson

1896

Phila. Negro begins

1897

Wilmington Overthrow

1898

Lynchings Peak

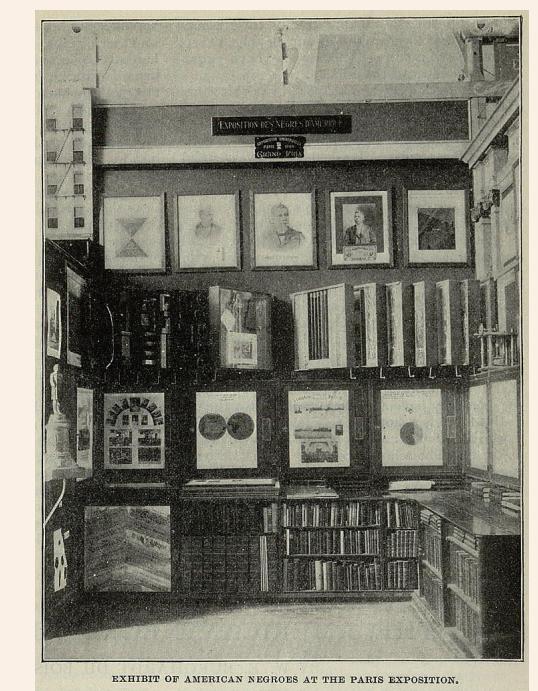
1899

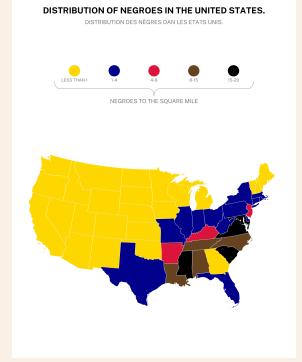
Paris Exposition

1900

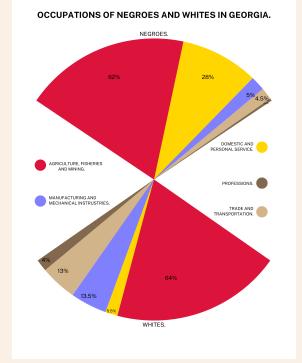
A WHITE MAN'S DAY.  
Eight to Ten Thousand People Out.  
TILLMAN MAKES A GREAT SPEECH FOR  
DEMOCRACY

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.

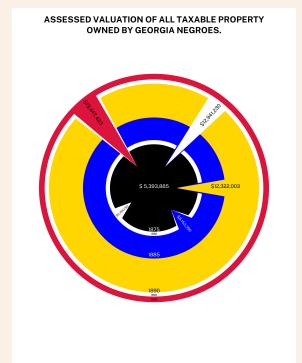




# We are here



# This is who we are



# This is how far we have come

# In 2021, it began with them



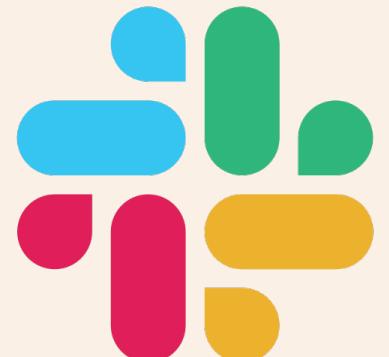
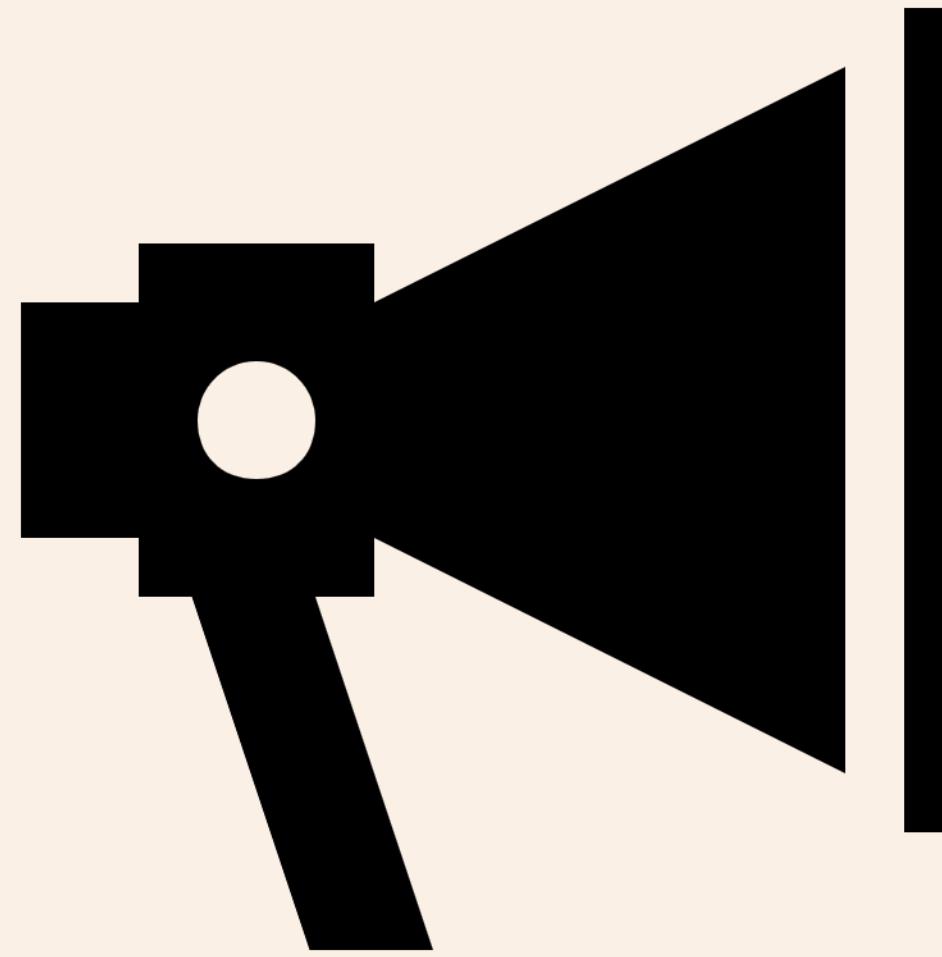
*Allen Hillery (@AlDataVizGuy)*



*Sekou Tyler (@sqlsekou)*

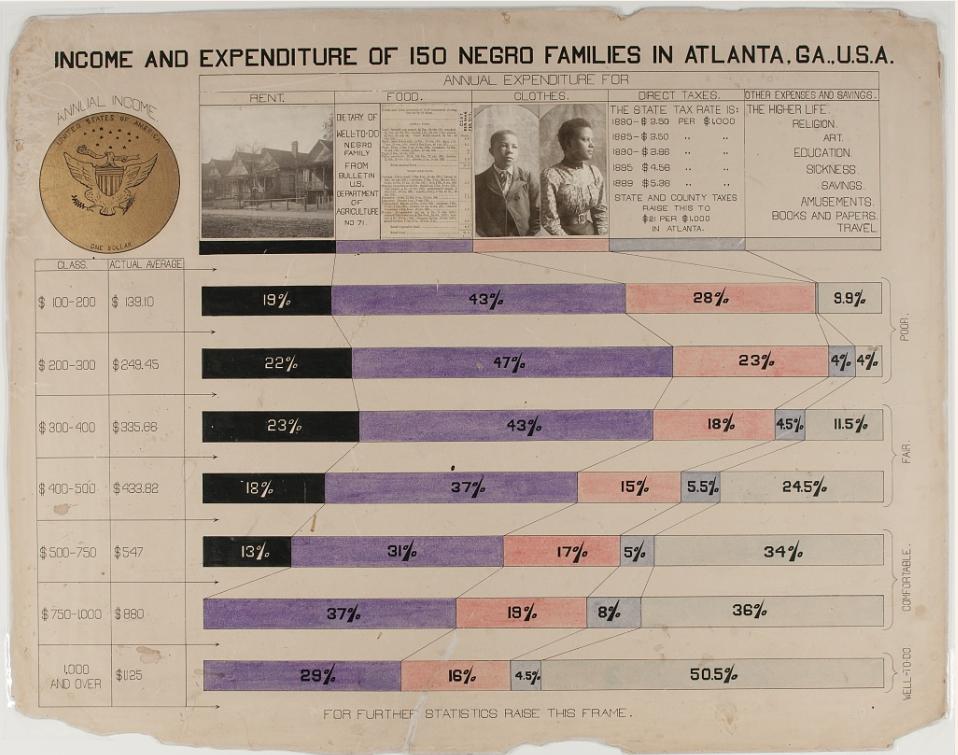
# Now: Modern Megaphone

Your Message

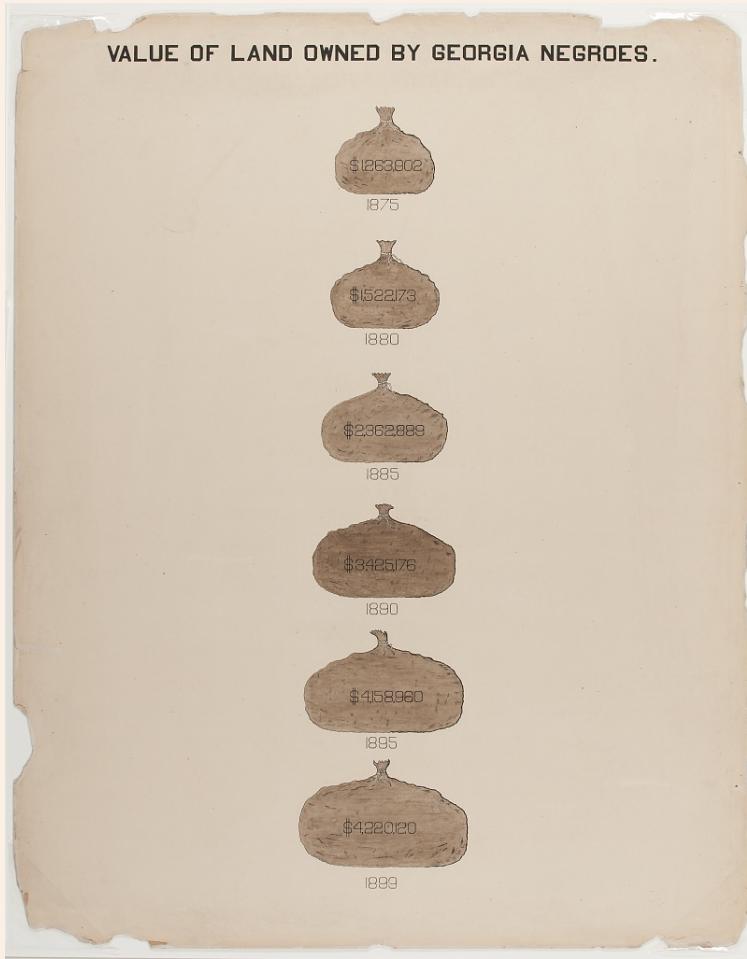


# #DuboisChallenge 2023 Entries

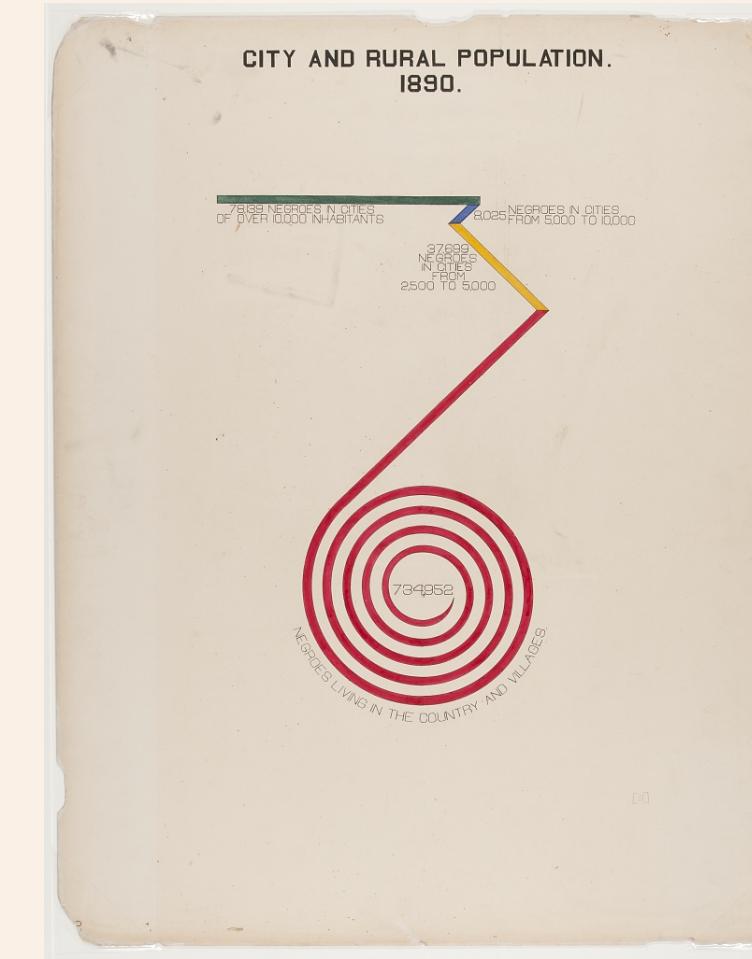
01



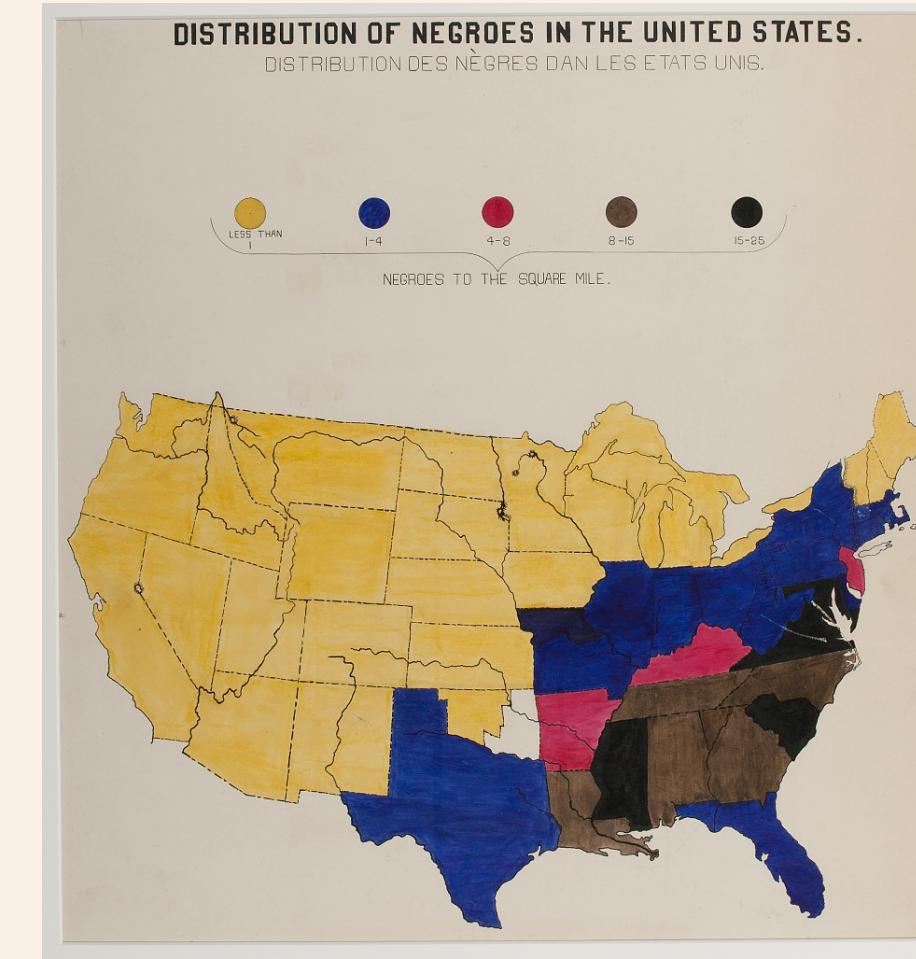
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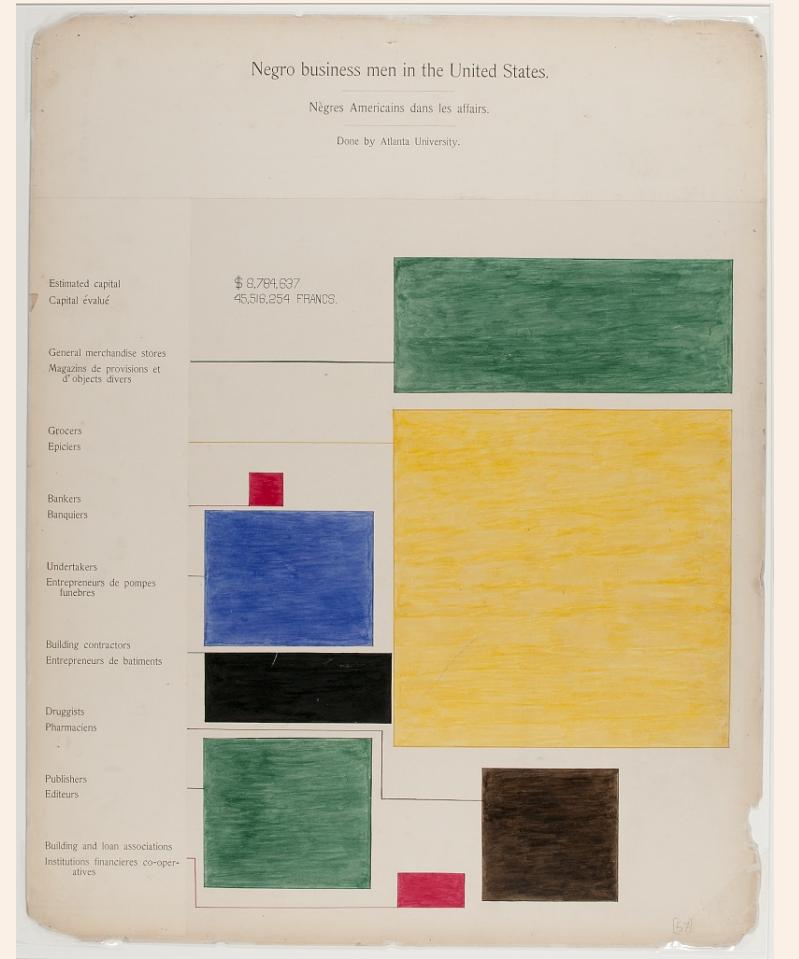
03



04



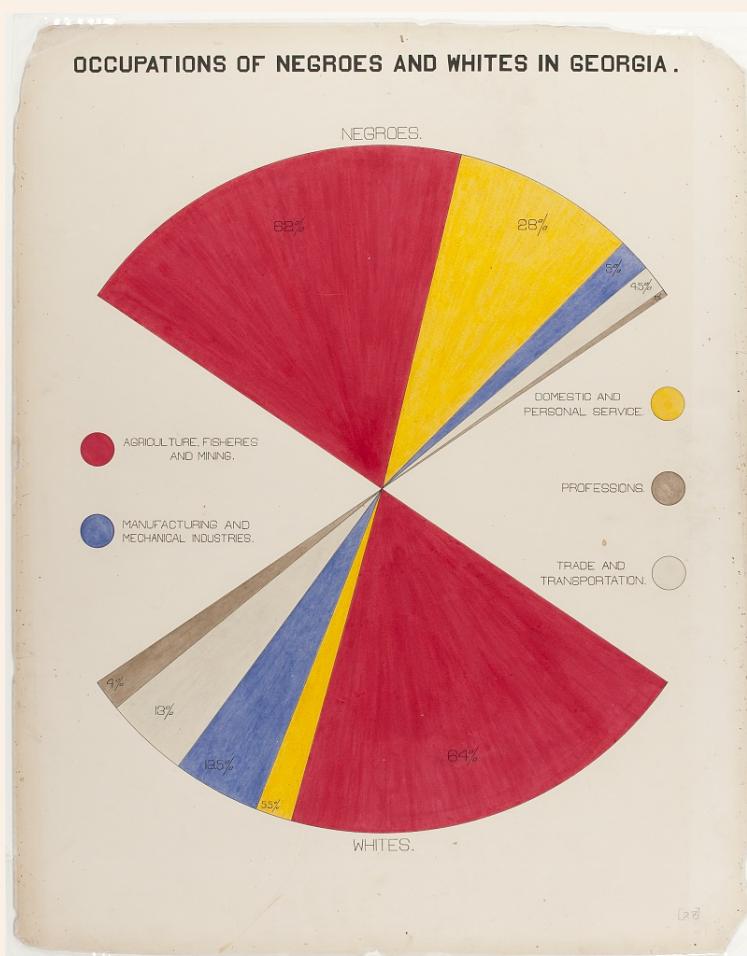
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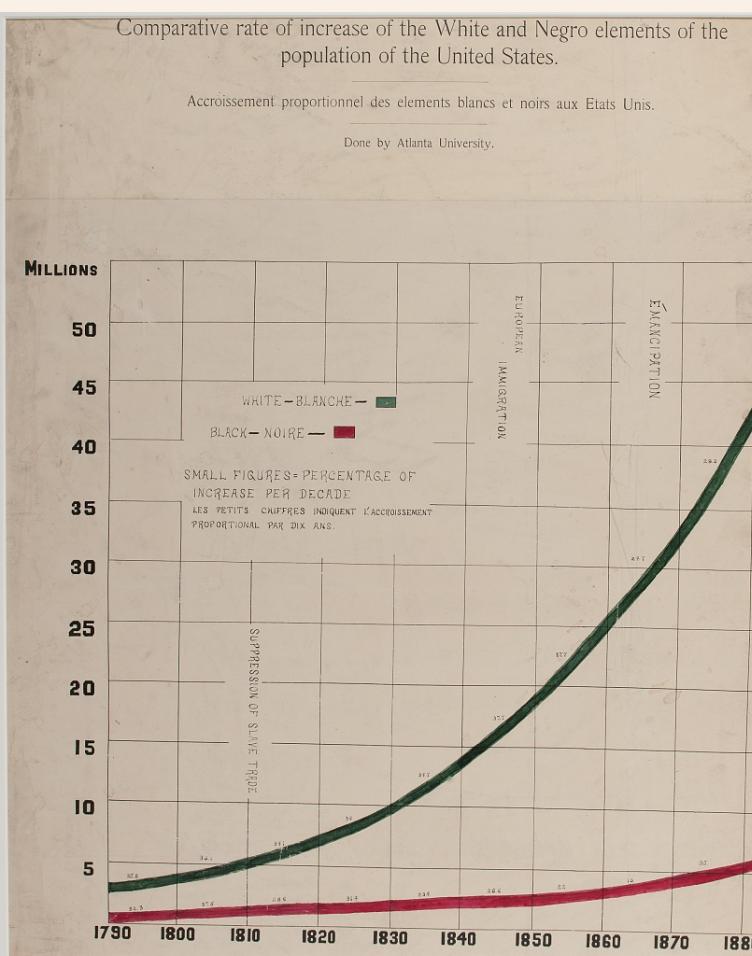
06



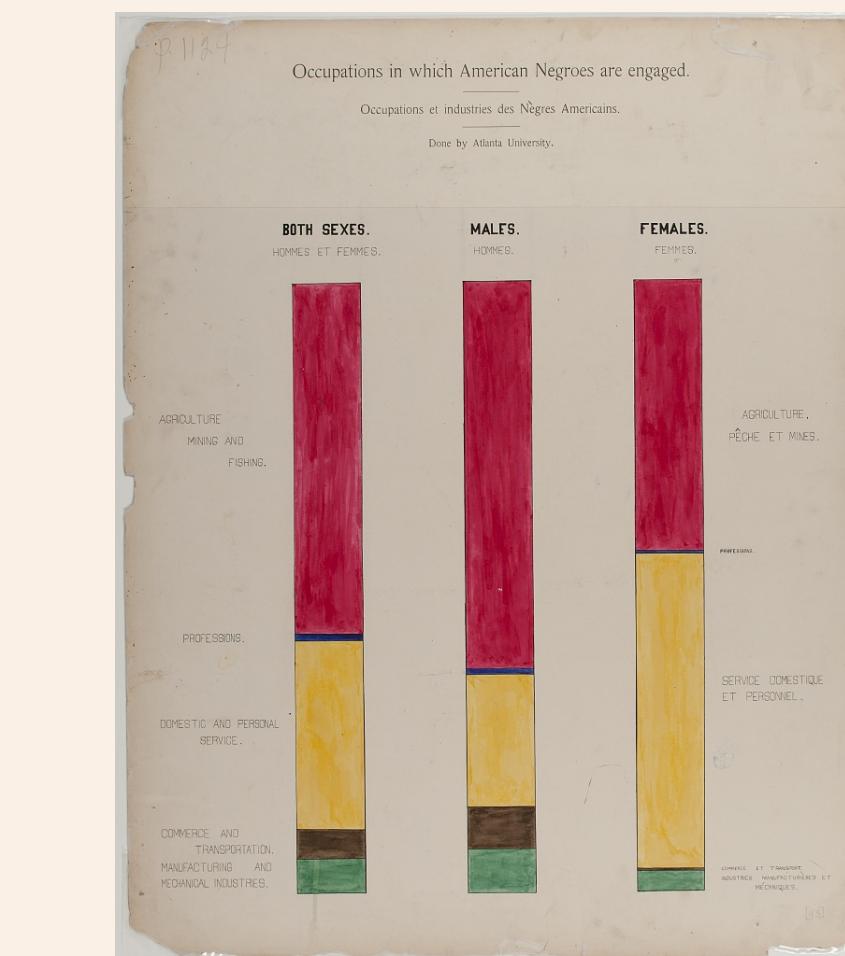
07



08



09



10



# Using github

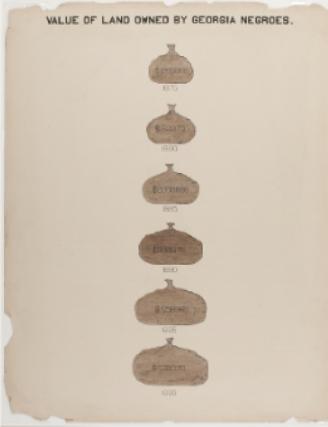
## Du Bois Visualization Challenge: 2023

#DuBoisChallenge2023

01



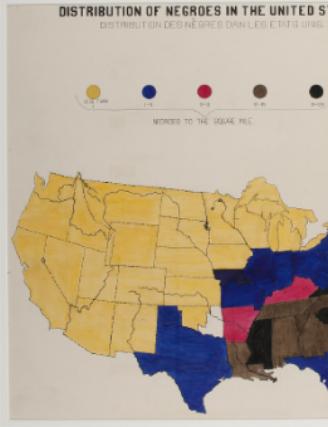
02



03



04



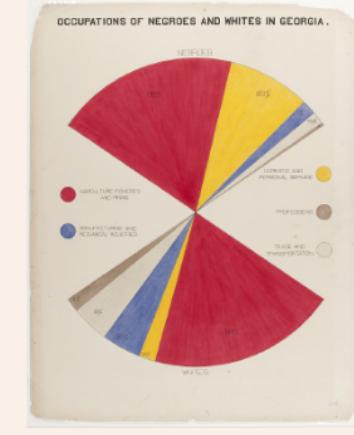
05



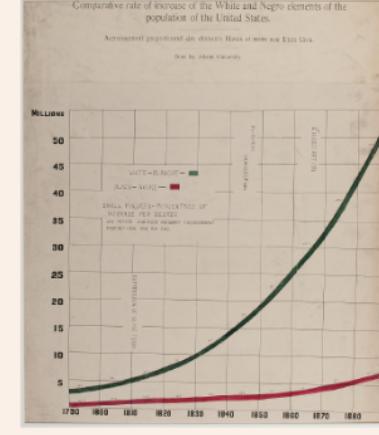
06



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

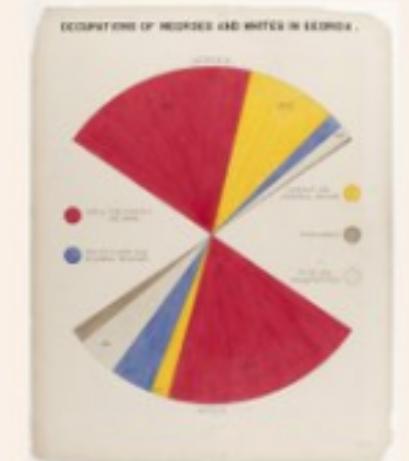
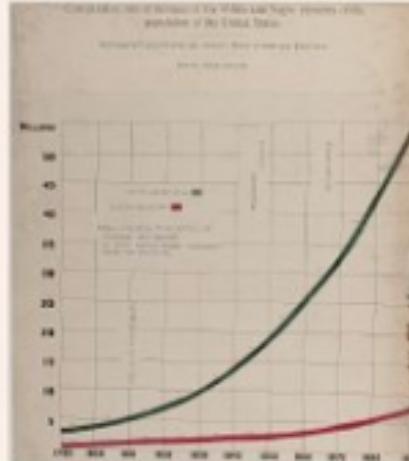
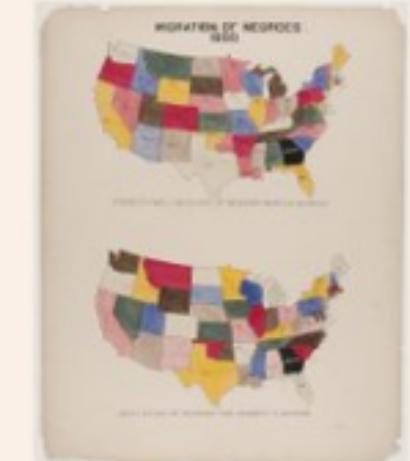
1	Class	Actual Average	Rent	Food	Clothes	Tax	Other
2	\$100-200	139.10	19	43	28	0.1	9.9
3	\$200-300	249.45	22	47	23	4	4
4	\$300-400	335.66	23	43	18	4.5	11.5
5	\$400-500	433.82	18	37	15	5.5	24.5
6	\$500-750	547.00	13	31	17	5	34
7	\$750-1000	880.00	0	37	19	8	36
8	Over \$1000	1125.00	0	29	16	4.5	50.5

# The Announcement

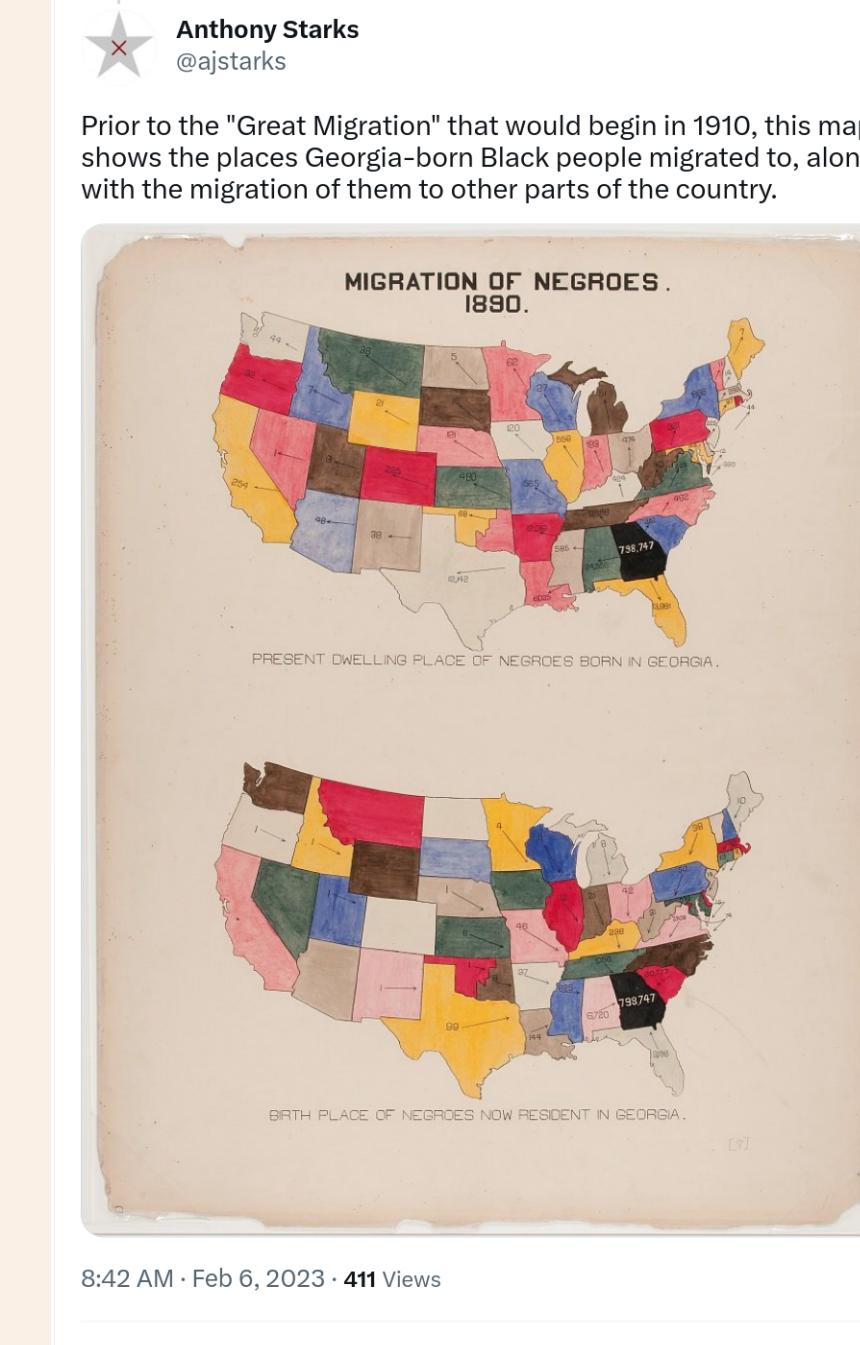
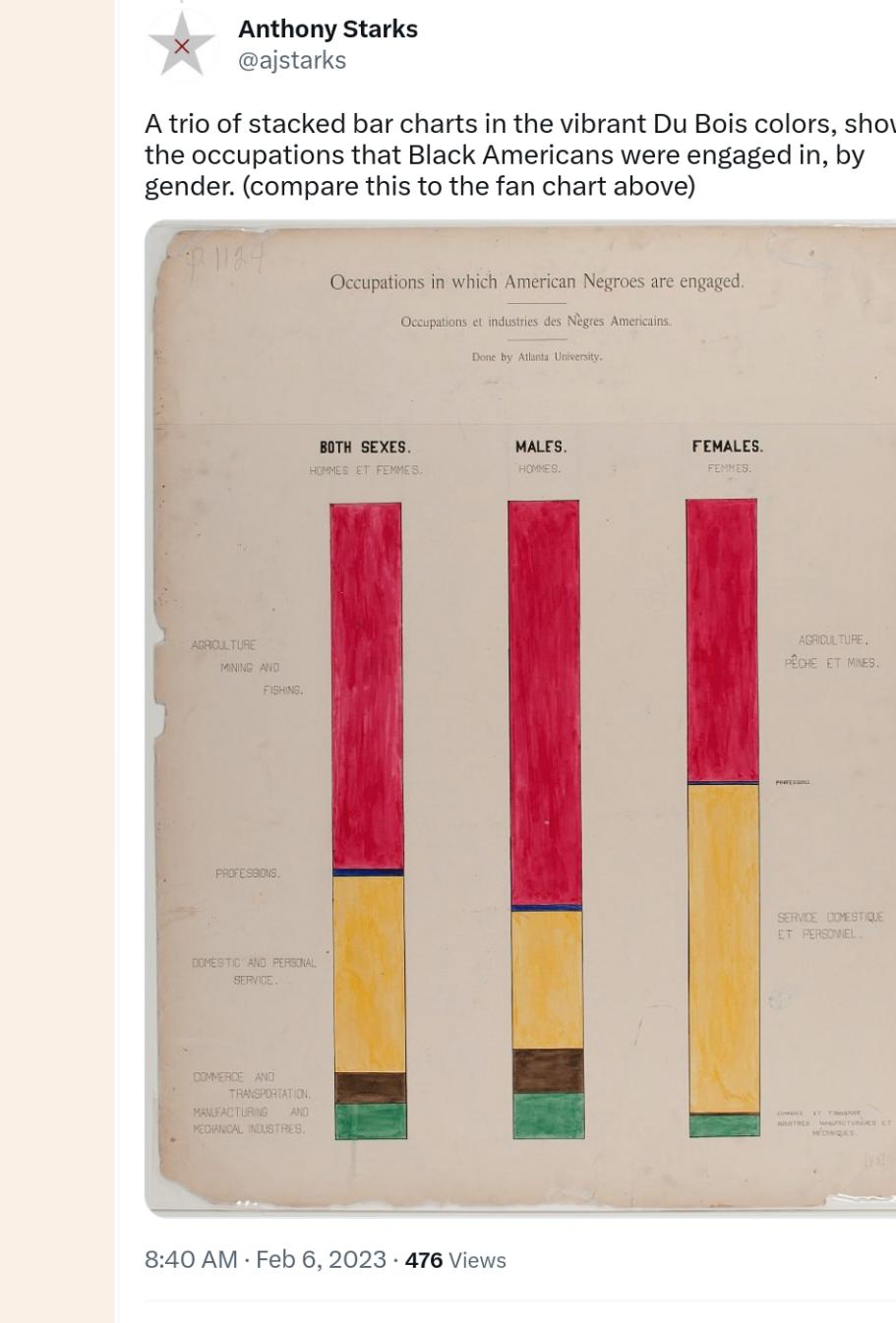
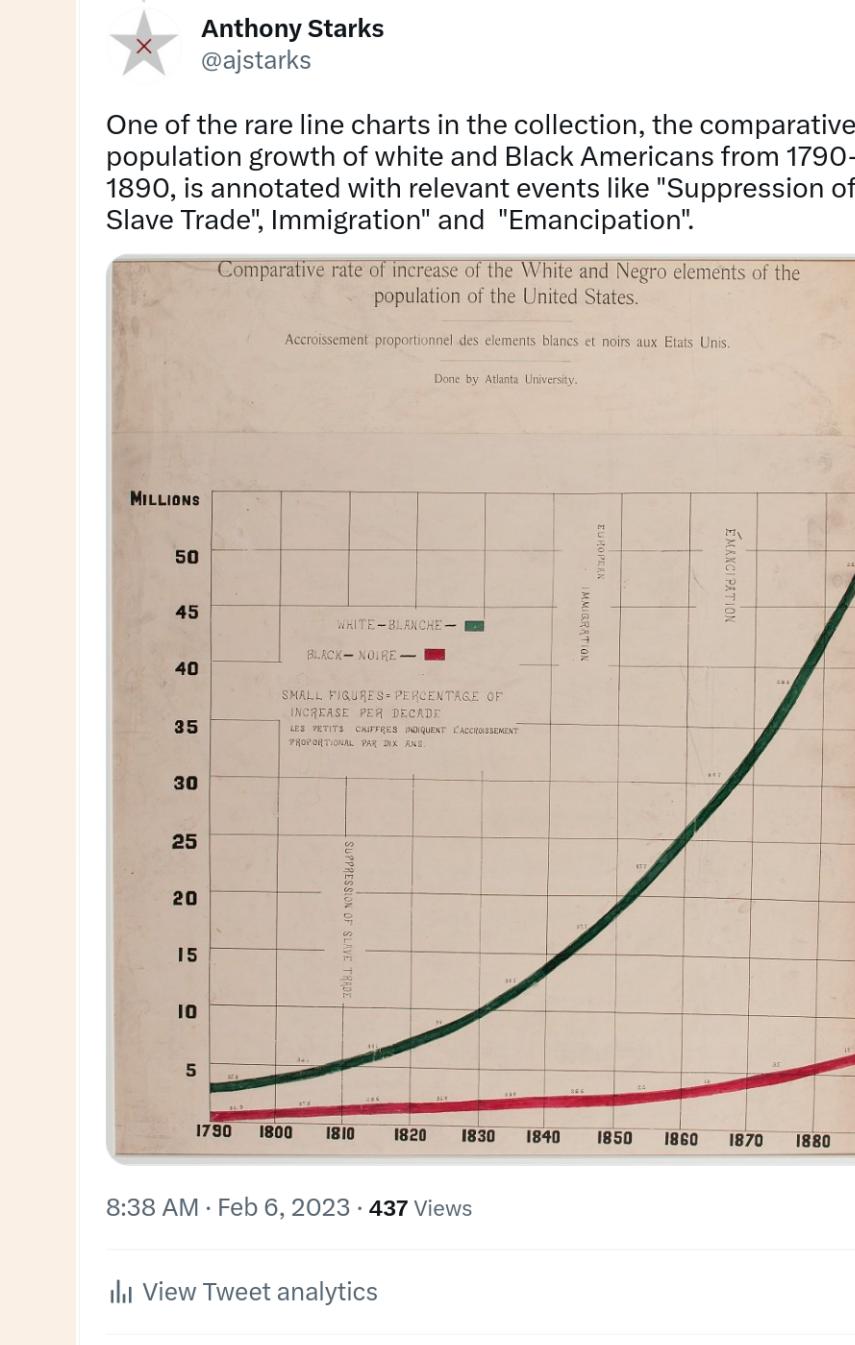
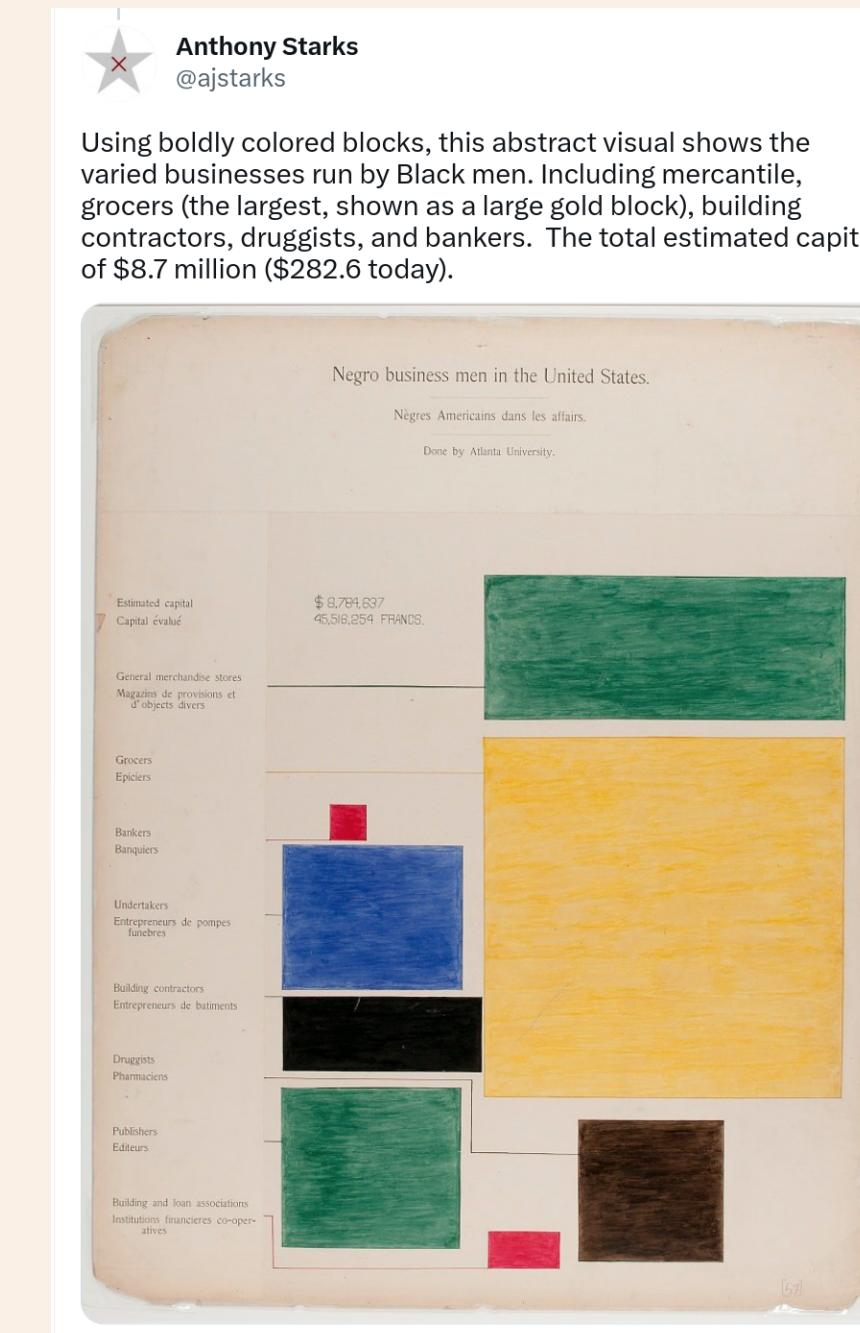
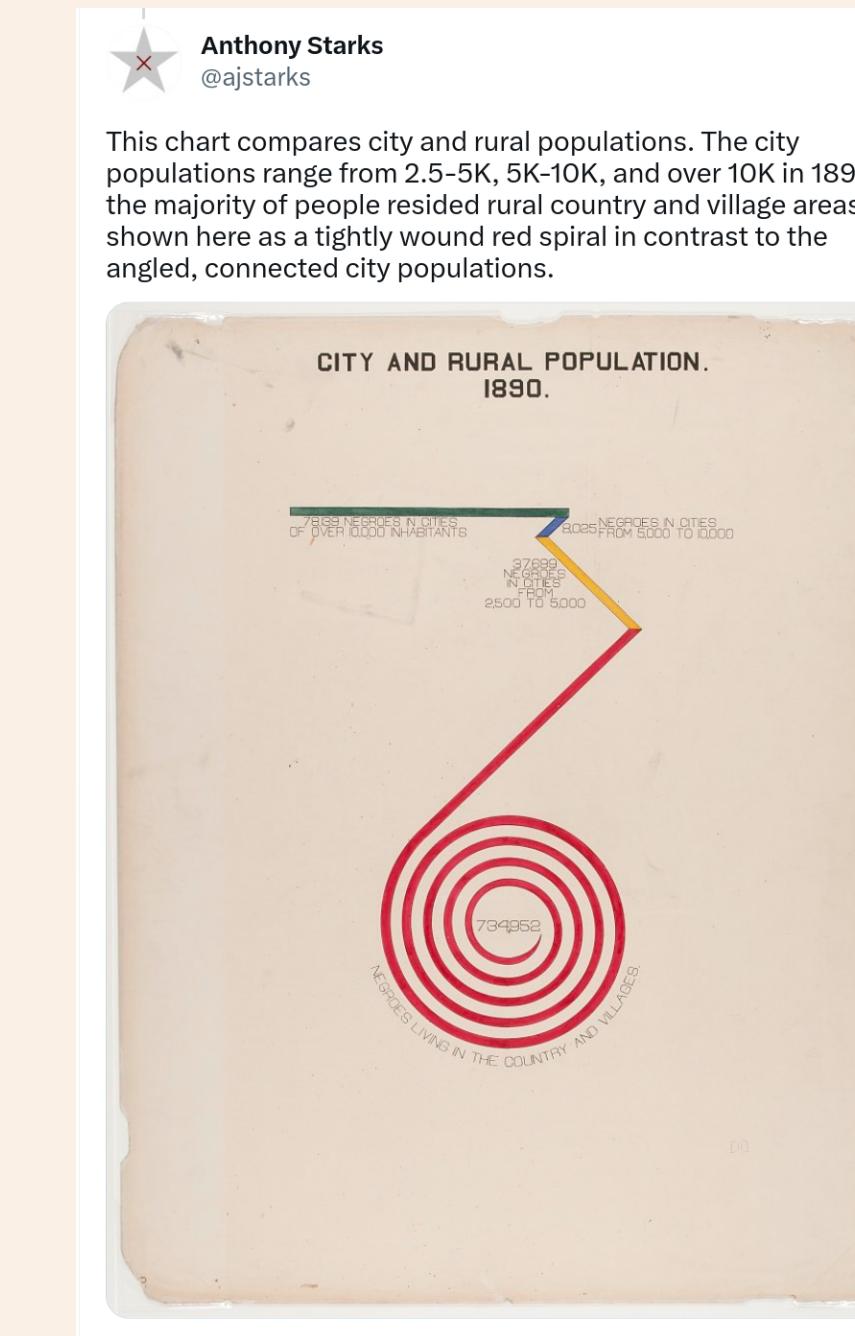
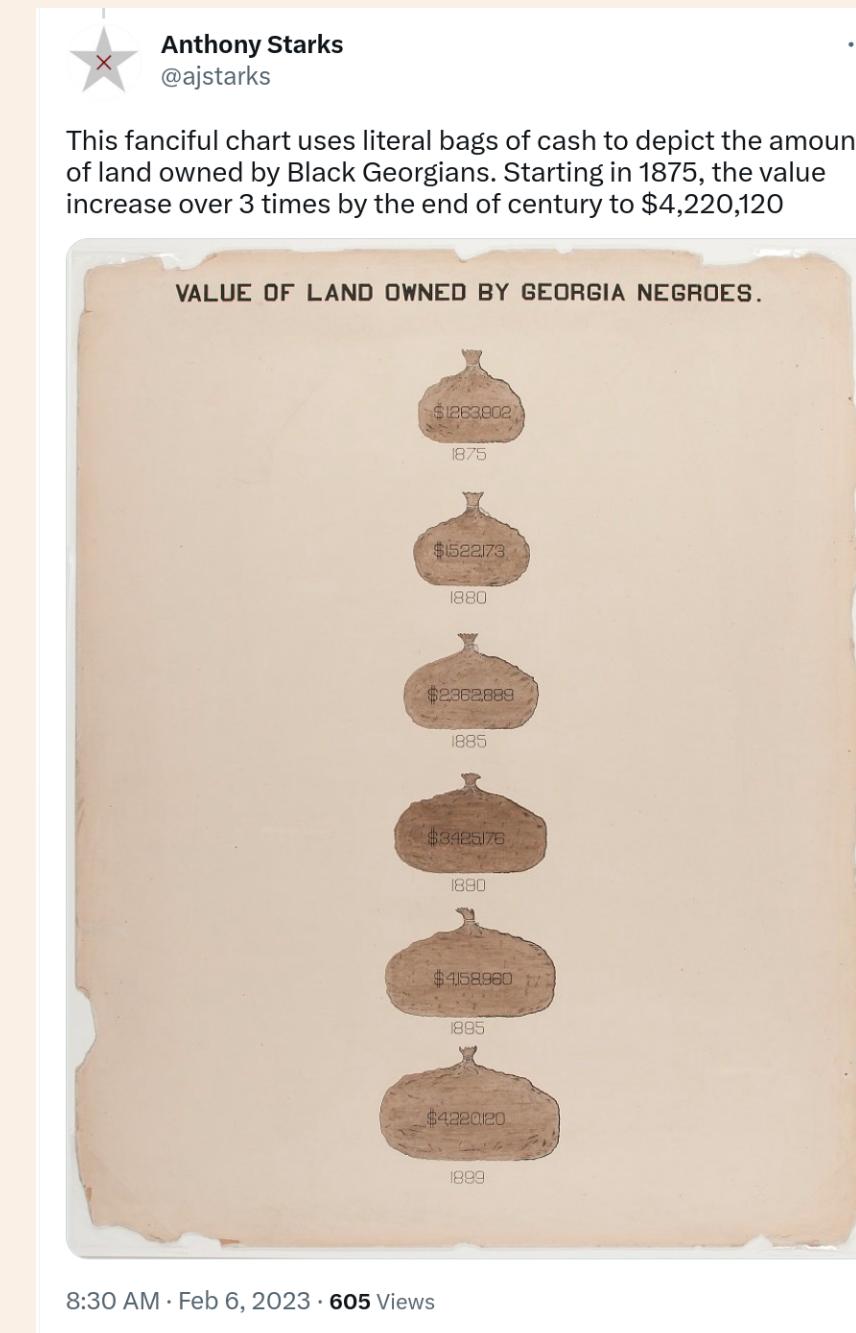
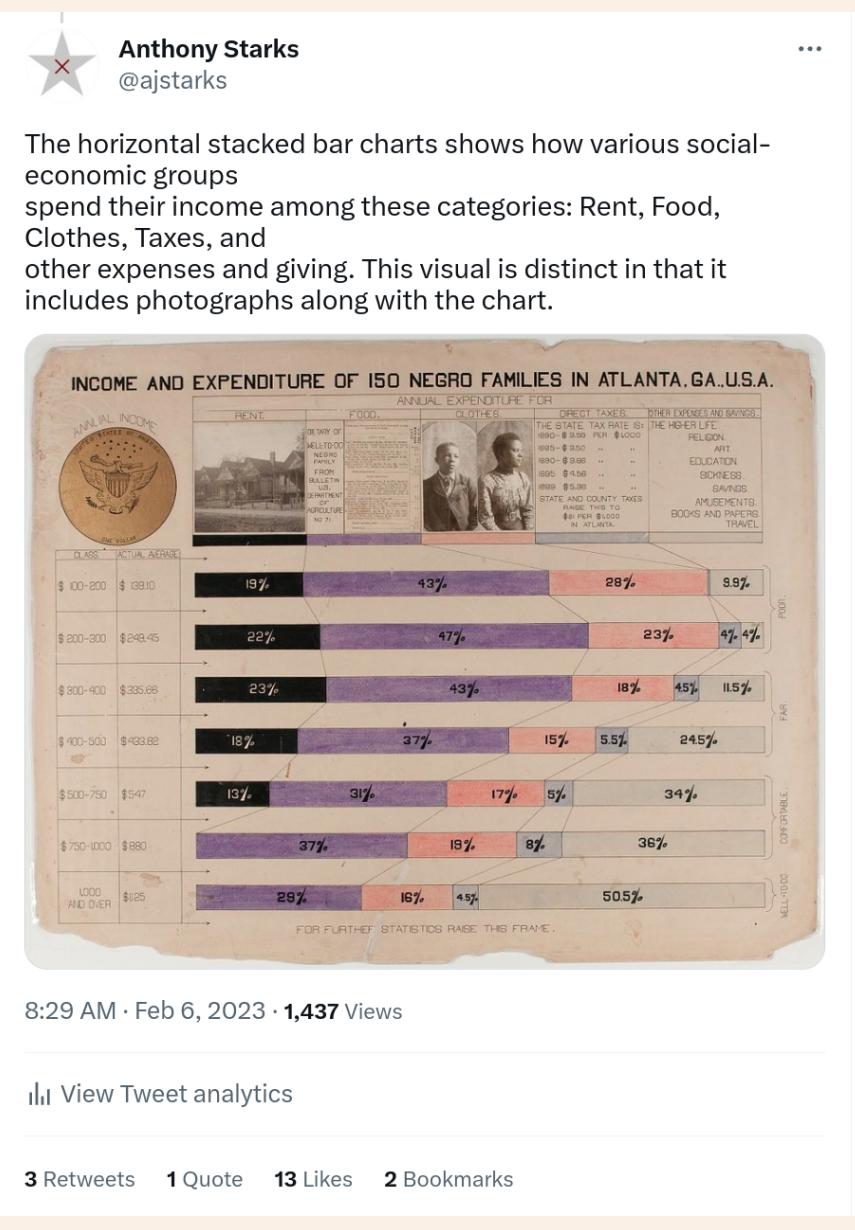
 Anthony Starks  
@ajstarks ...

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...](https://github.com/ajstarks/duboi...)

#DuBoisChallenge2023

01	02	03	04	05
				
06	07	08	09	10
 <b>ALT</b>				

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.

Applied Data Science at UST @UST\_MSDS · Mar 5

**Arnold Platon** [@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

**becca b.** [@geeky\\_bb](#)

#DuBoisChallenge2023 @tableaupublic

Link: [tinyurl.com/4nme5ny9](https://tinyurl.com/4nme5ny9)

Comparative population growth of white and Black Americans between 1790-1890.

Original data visualization: W.E.B. Du Bois  
Modern recreation: Becca Basin  
#DuBoisChallenge2023

9:42 PM · Feb 16, 2023 · 1,130 Views

2 Retweets 1 Quote 11 Likes

**Patrick Stephenson** [@stepminer2](#)

Another entry, this time for week 9 of #DuBoisChallenge2023. It is a reproduction of DuBois' Occupation of Blacks in the United States. #Rstats #blackhistorymonth2023.

Occupations in which American Negroes are engaged

Occupation et industrie des Noirs Américains

Done by Atlanta University

BOTH SEXES HOMMES ET FEMMES MALES HOMMES FEMALES FEMMES

AGRICULTURE MINING AND FISHING DOMESTIC AND PERSONAL SERVICE COMMERCIAL AND MANUFACTURING MECHANICAL INDUSTRIES SERVICE DOMESTIQUE ET PERSONNEL

Data : DuBoisChallenge2023 | Viz : @stepminer2

6:17 PM · Mar 11, 2023 · 998 Views

3 Retweets 9 Likes

**Patrick Stephenson** [@stepminer2](#)

I finally found time to complete part 2 of #DuBoisChallenge2023 Challenge 10. The arrow angles are approximate, I gave up calculating precise angles, and my coding and math skills are limited. #Rstats #patchwork #blackhistorymonth2023.

**MIGRATION OF NEGROES. 1890.**

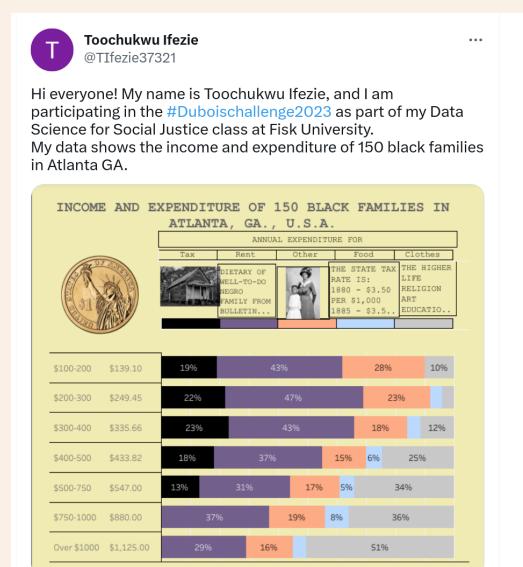
PRESENT DWELLING PLACE OF NEGROES BORN IN GEORGIA

BIRTHPLACE OF NEGROES NOW RESIDENT IN GEORGIA

12:34 AM · Mar 10, 2023 · 933 Views

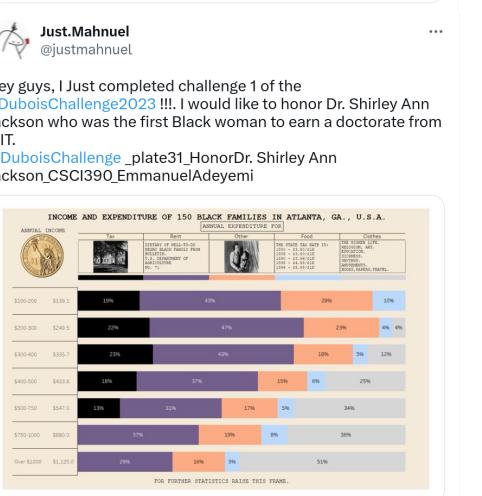
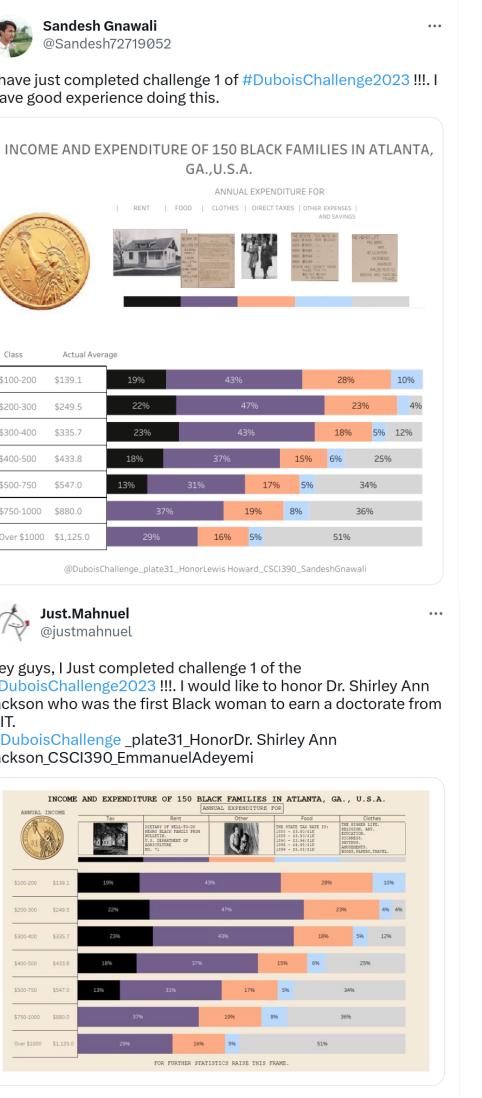
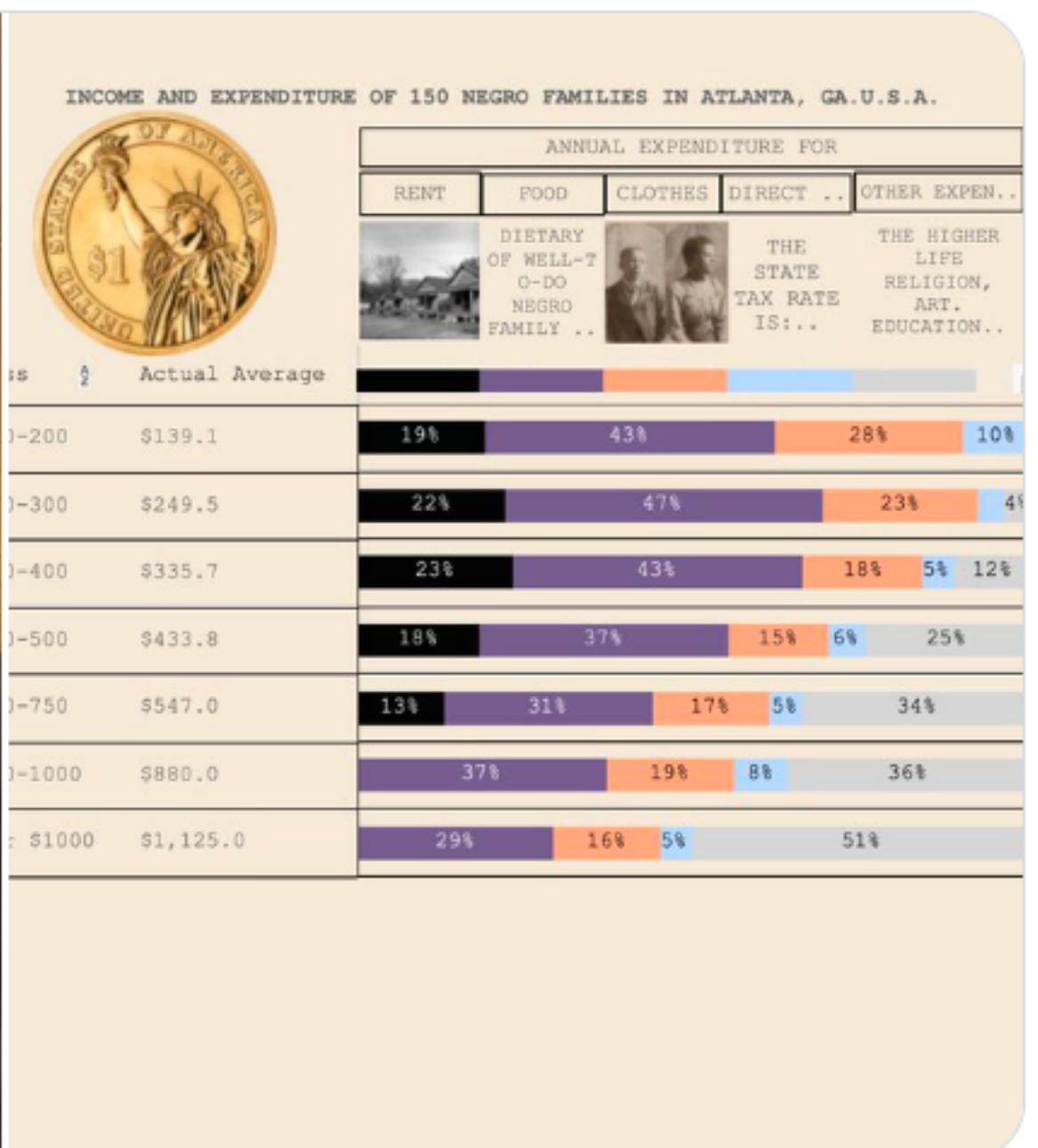
3 Retweets 11 Likes

# Fisk Students



Laila Eliotti  
@only1\_laila

Trent and I just finished challenge 1 of the #DuboisChallenge2023! @lena\_is\_light



12:14 AM · Feb 2, 2023 · 198 Views

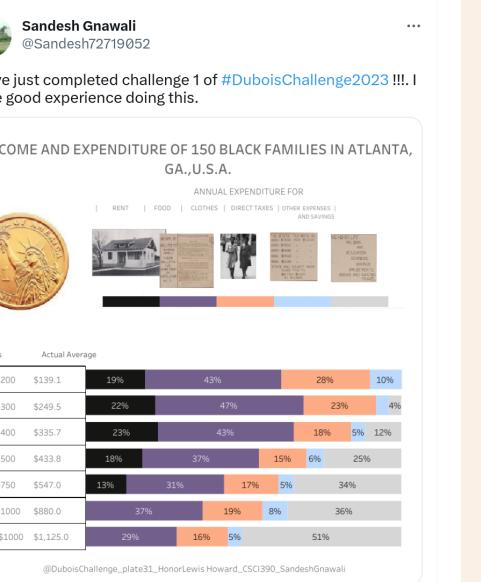
2 Retweets 5 Likes



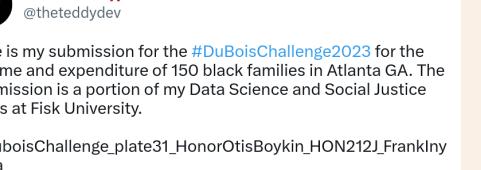
10:05 PM · Feb 20, 2023 · 693 Views

11:10 PM · Feb 15, 2023 · 1,905 Views

5 Retweets 1 Quote 16 Likes



11:06 PM · Feb 23, 2023 · 227 Views



10:05 PM · Feb 20, 2023 · 693 Views

