



# In 2021, it began with them

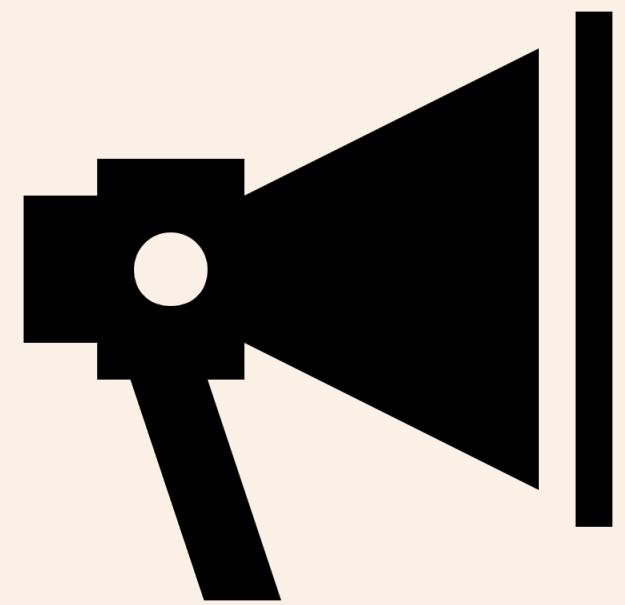


*Allen Hillery (@AlDataVizGuy)*



*Sekou Tyler (@sqlsekou)*

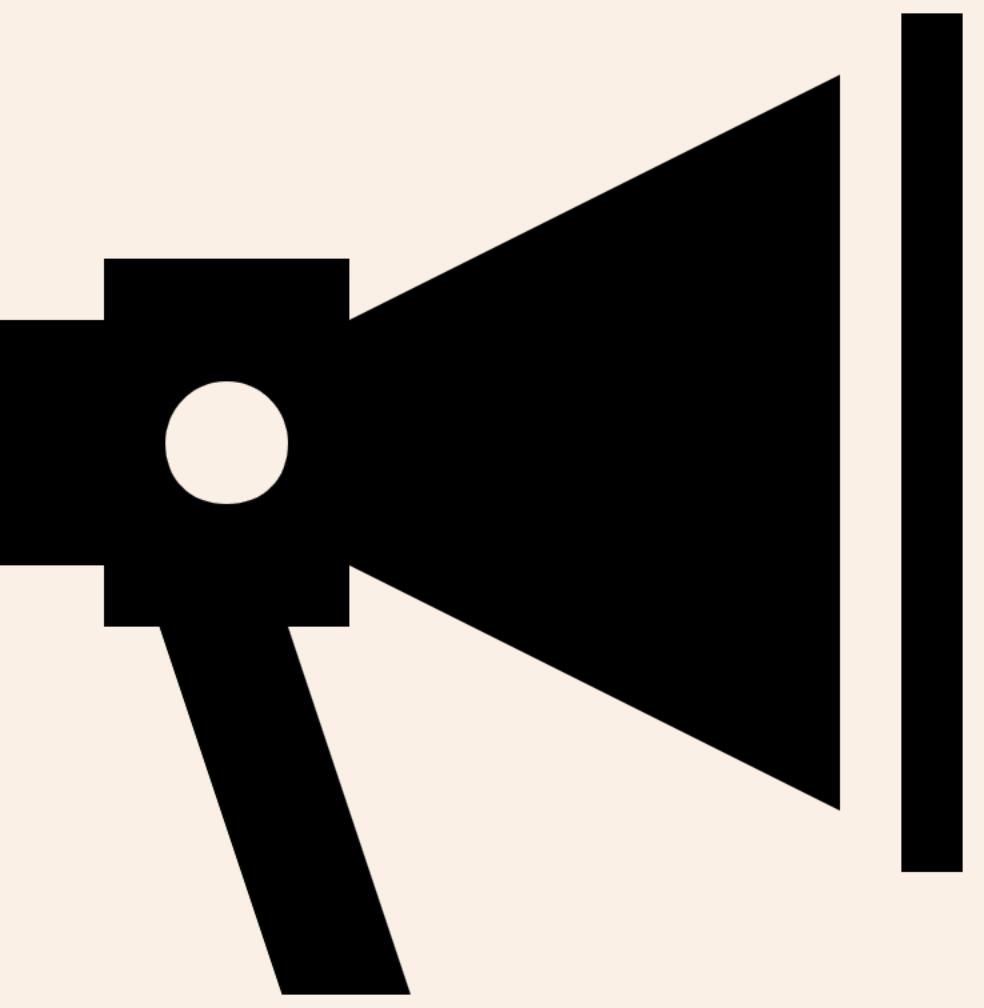
# The Modern Megaphone



# Paris 1900



Your Message



Now



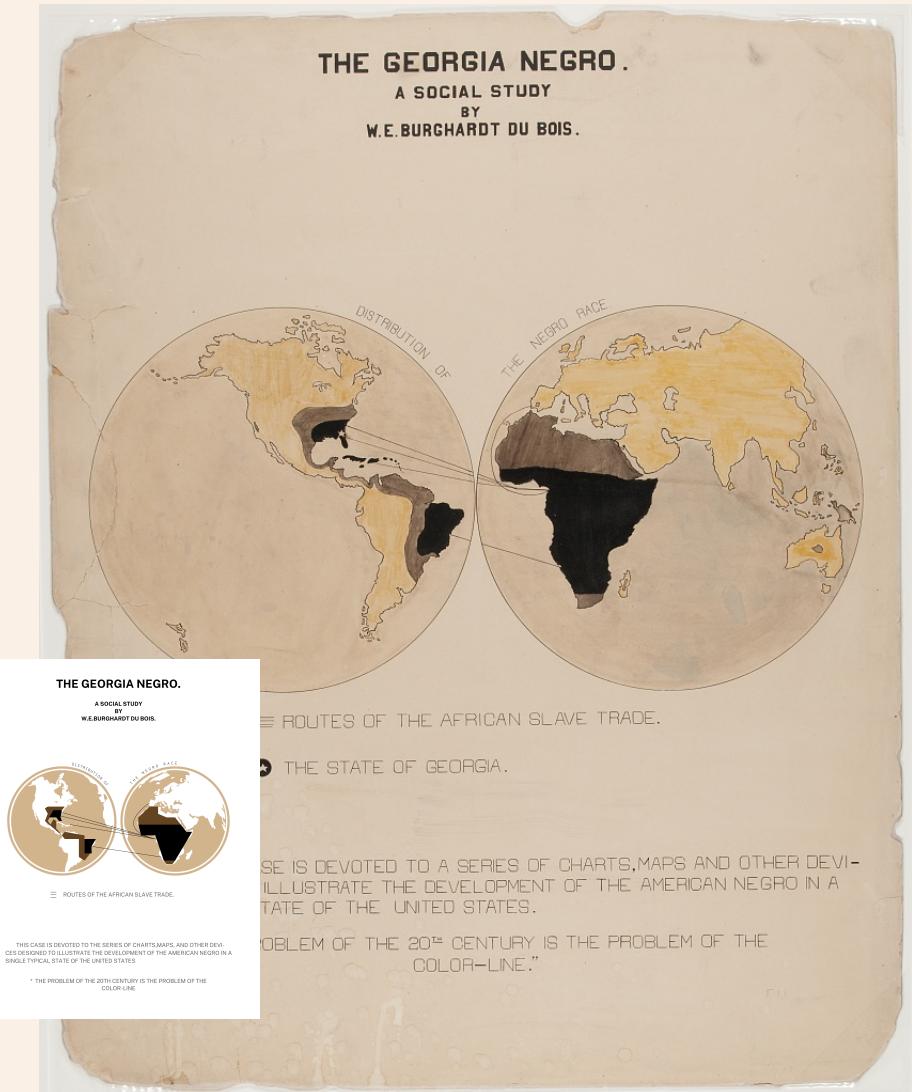
You Tube



zoom

# #DuBoisChallenge2022 Entries

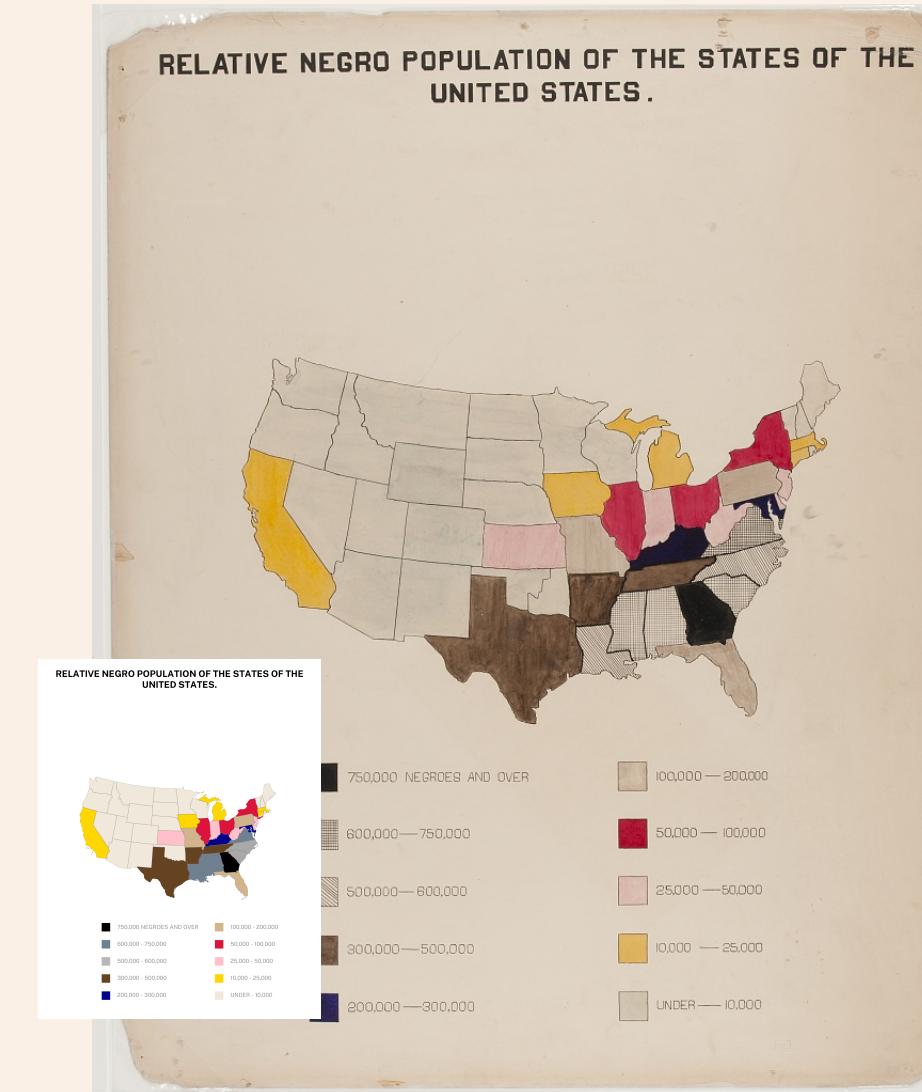
01



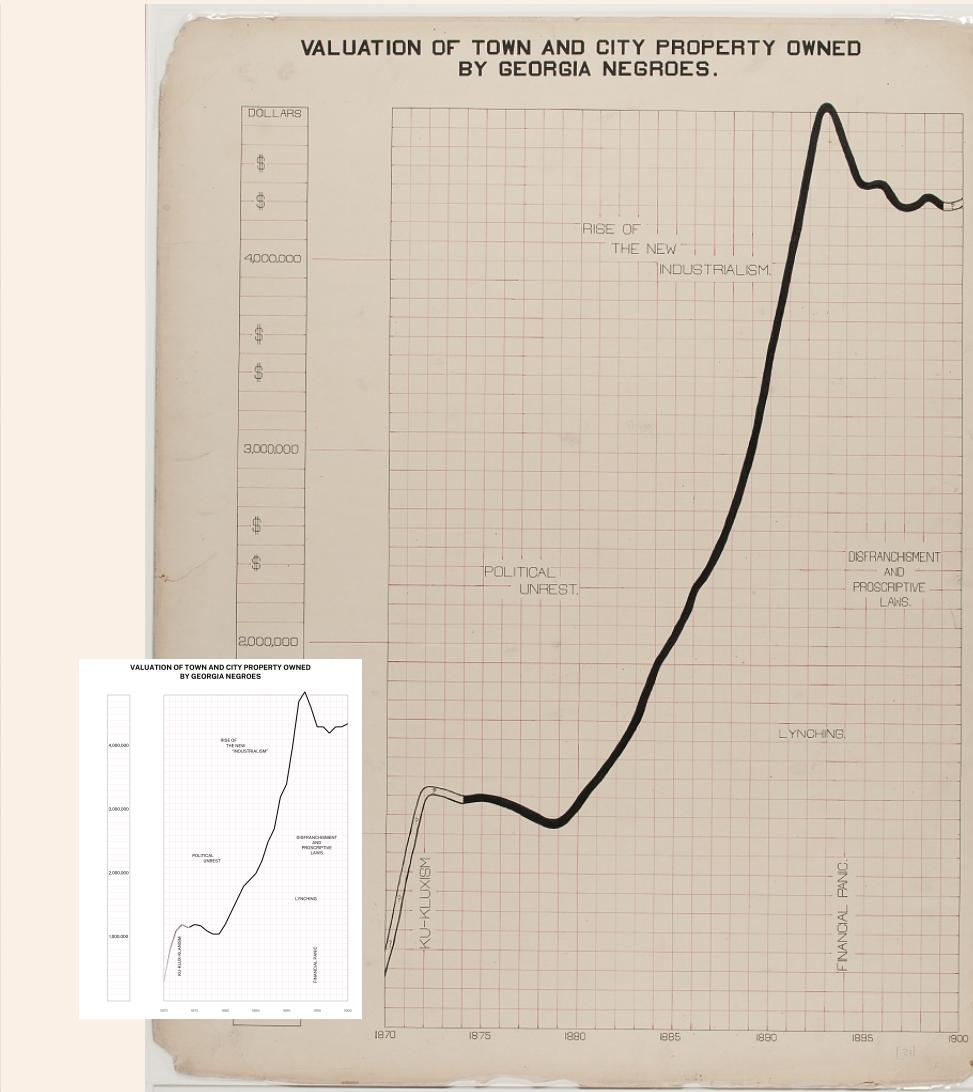
02



03



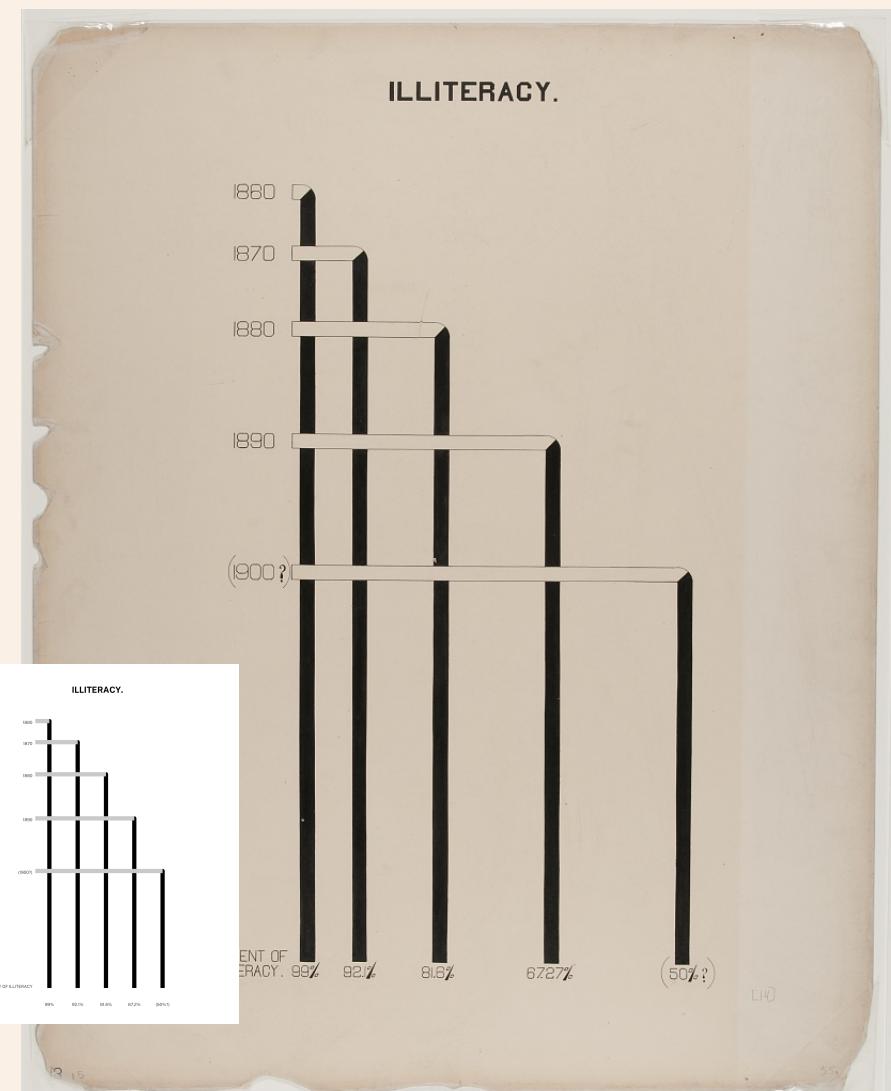
04



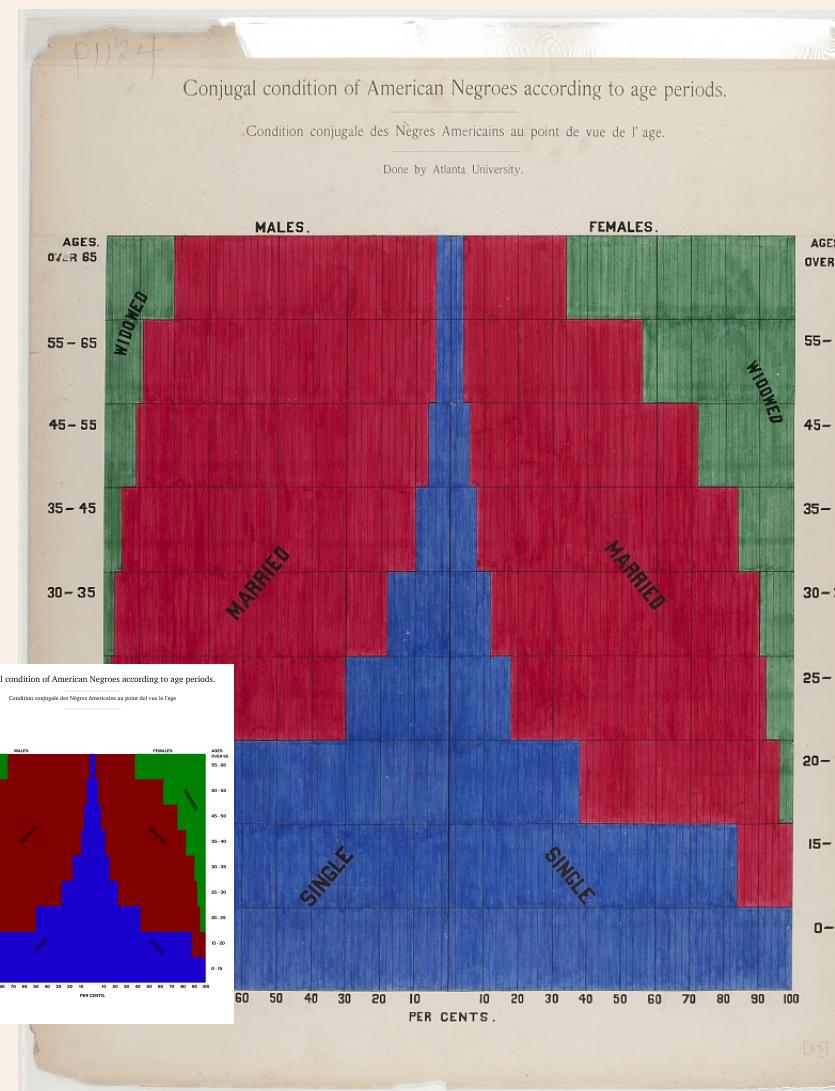
05



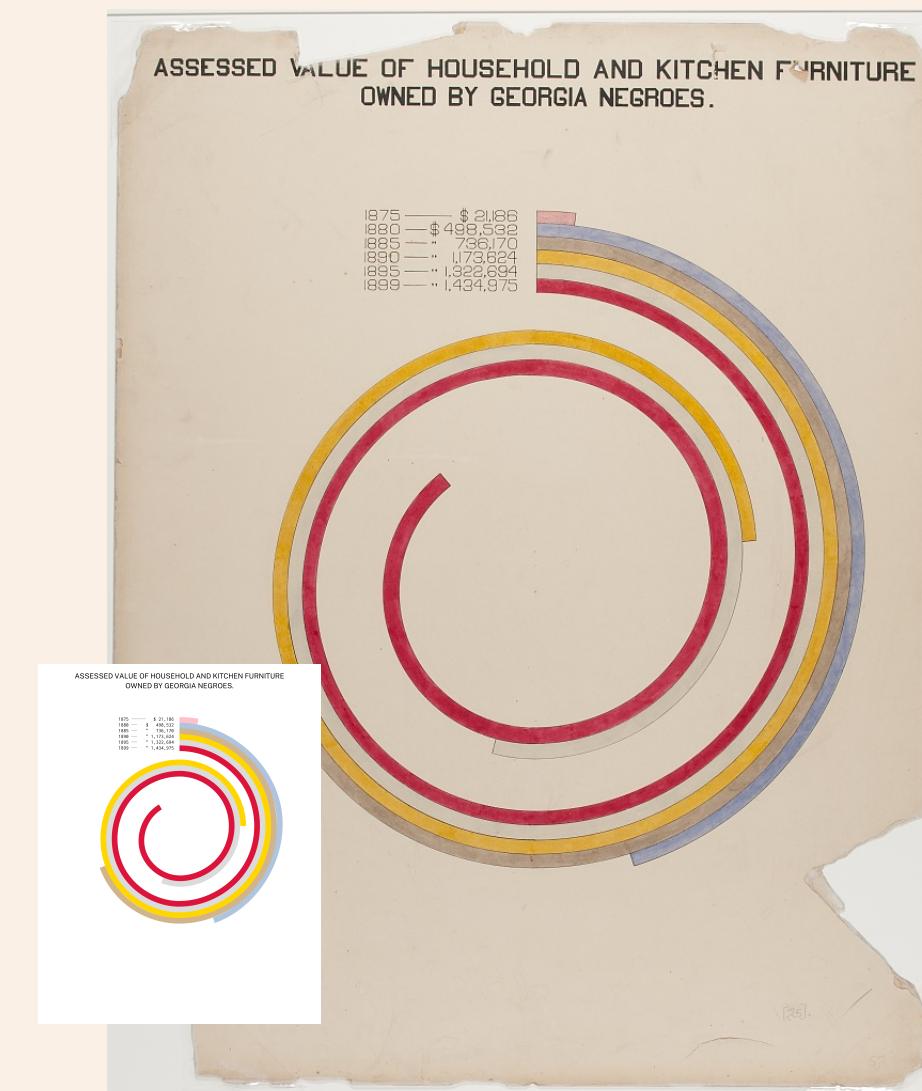
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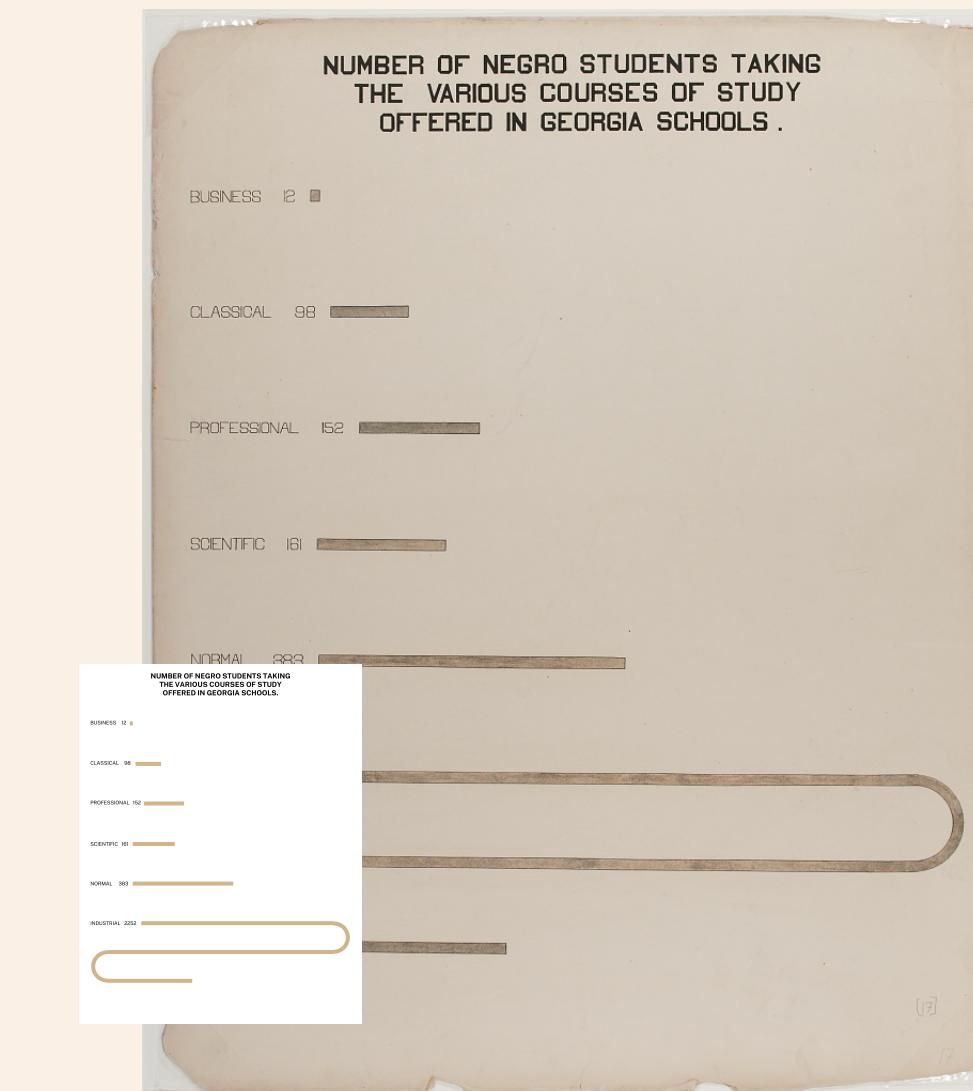
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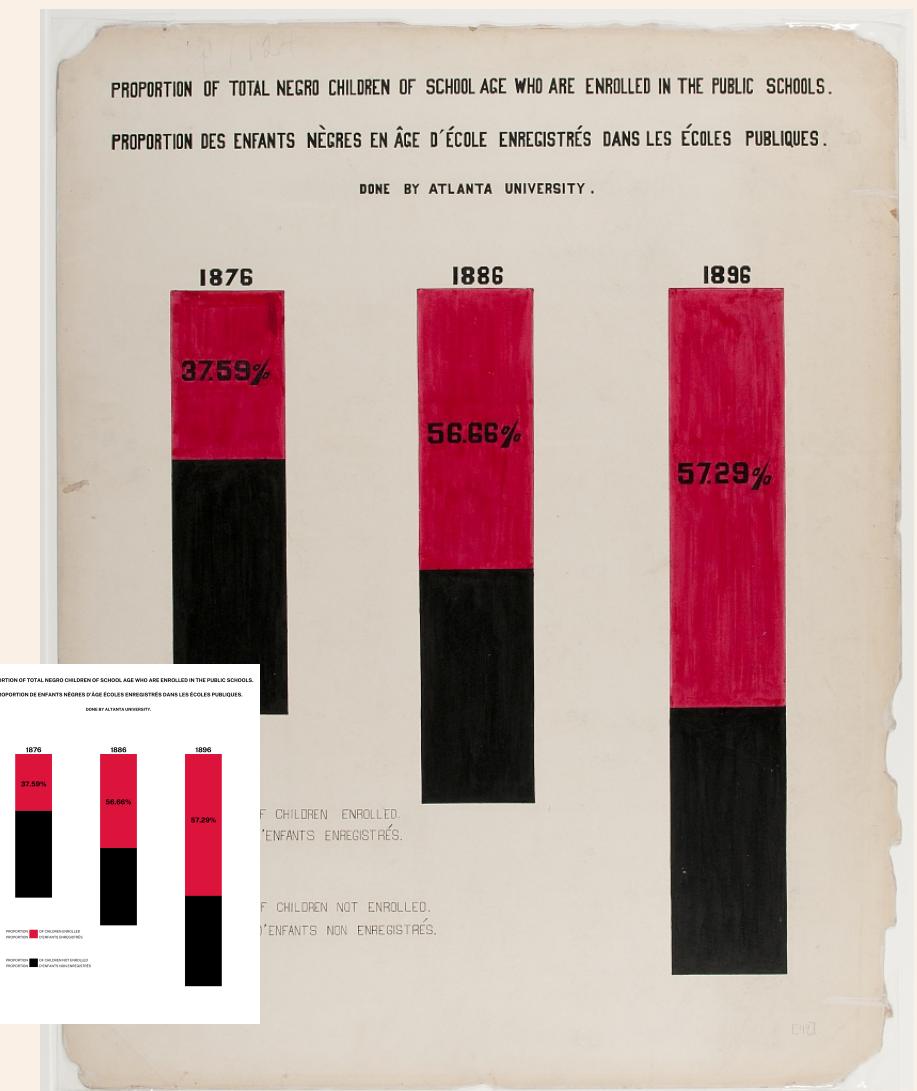
08



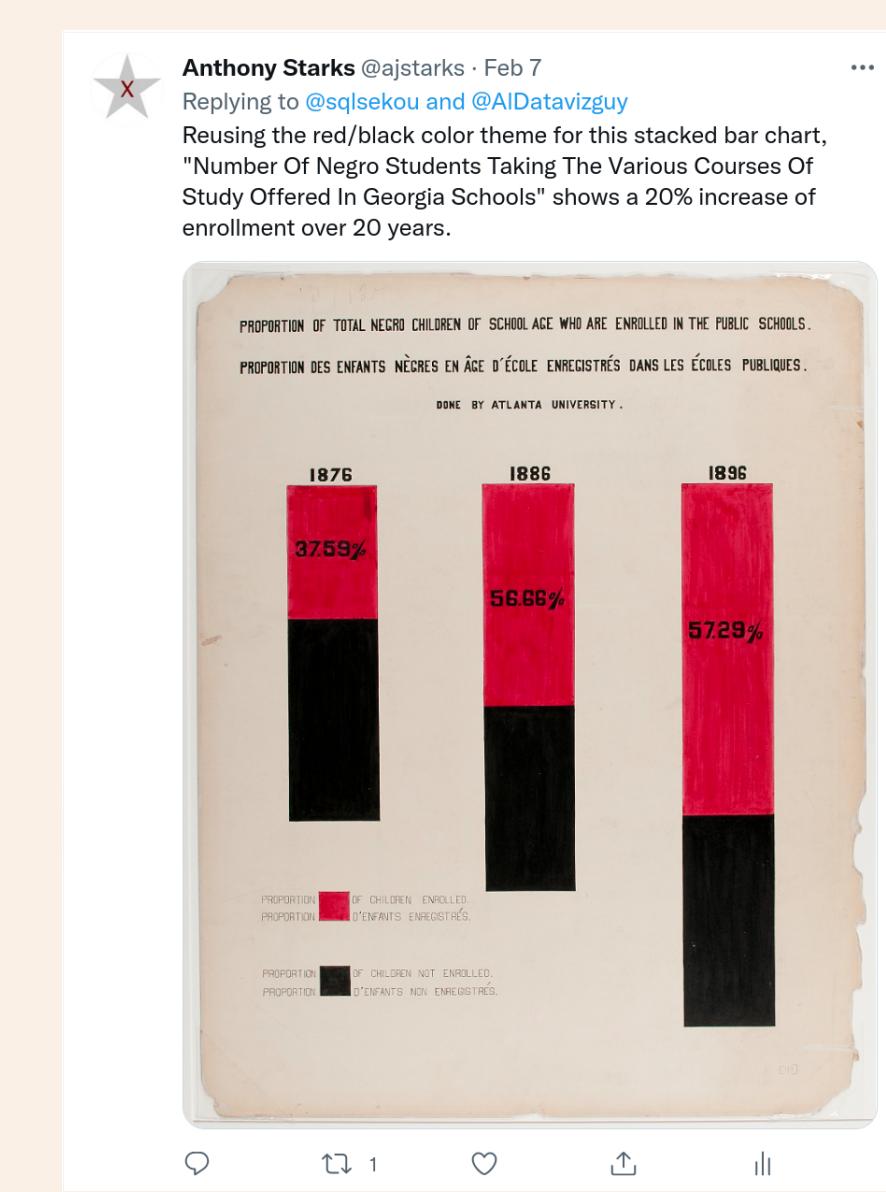
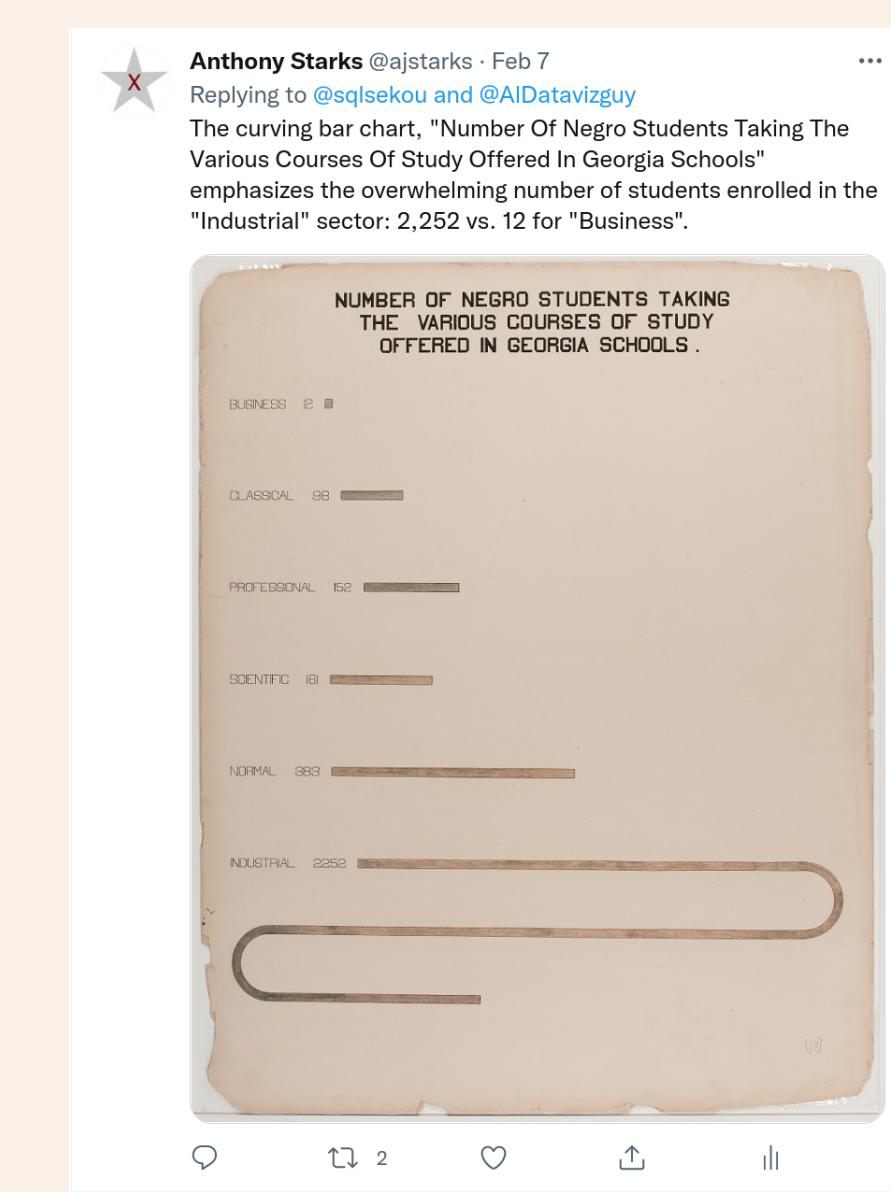
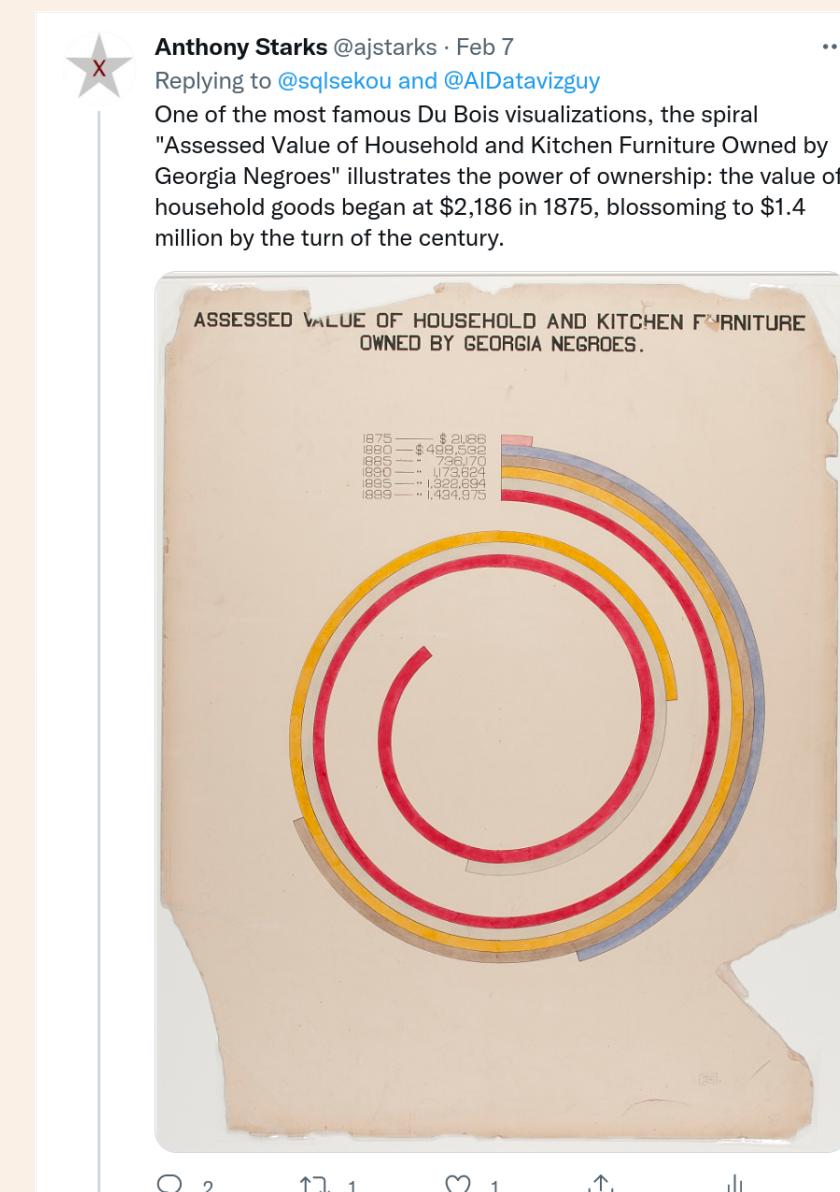
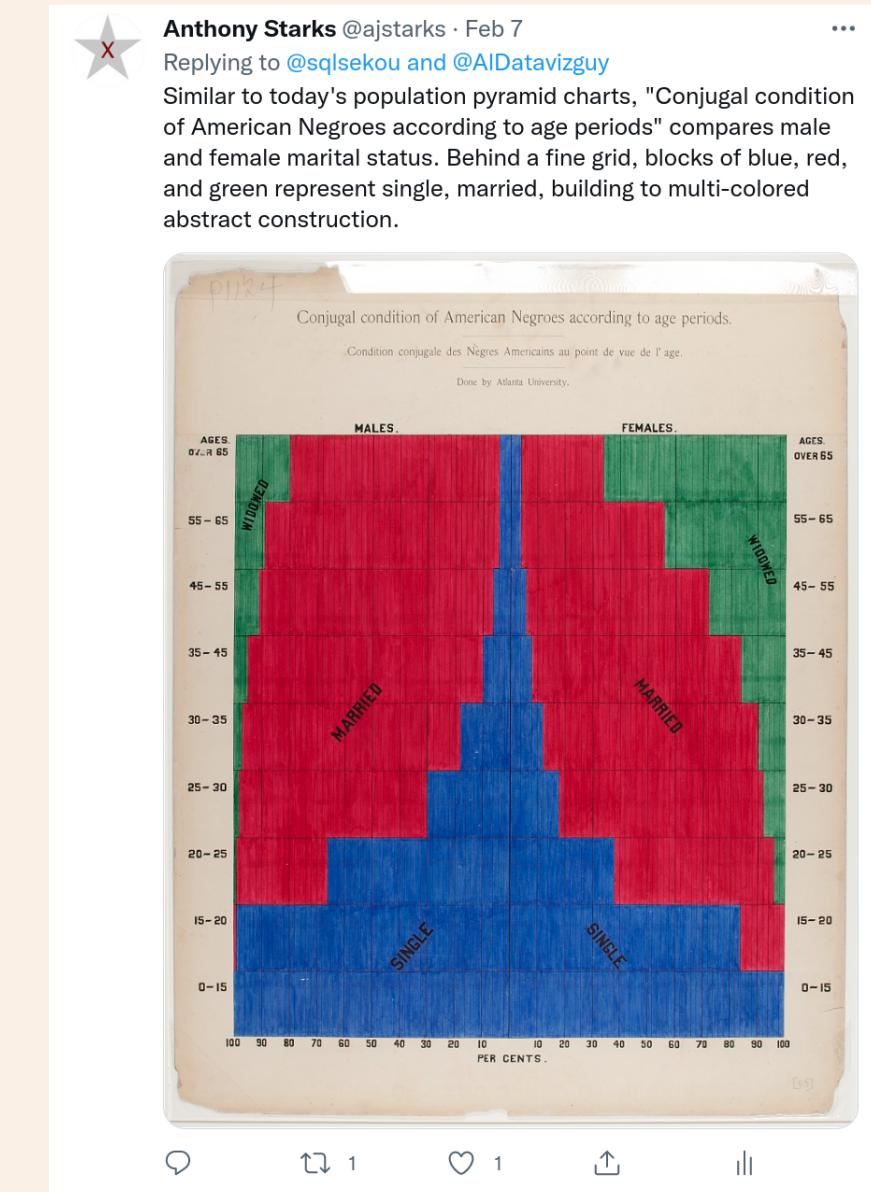
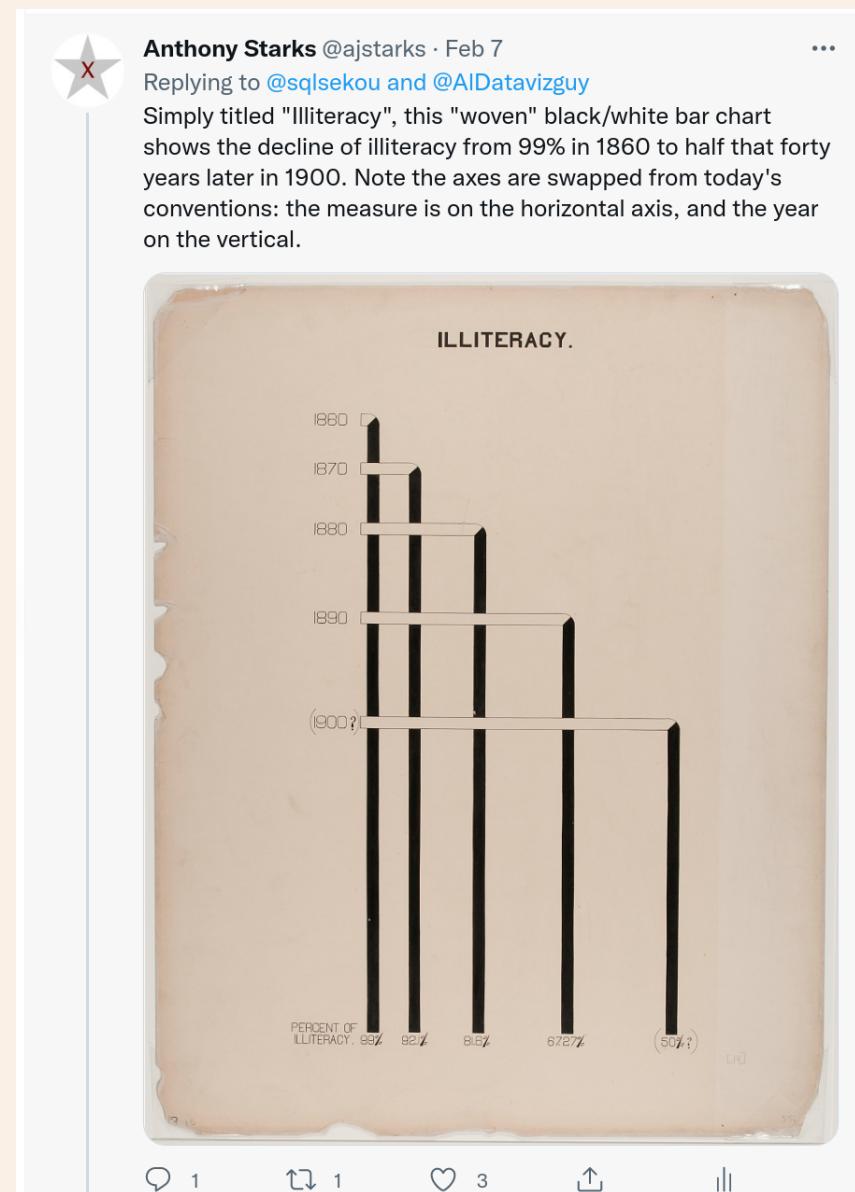
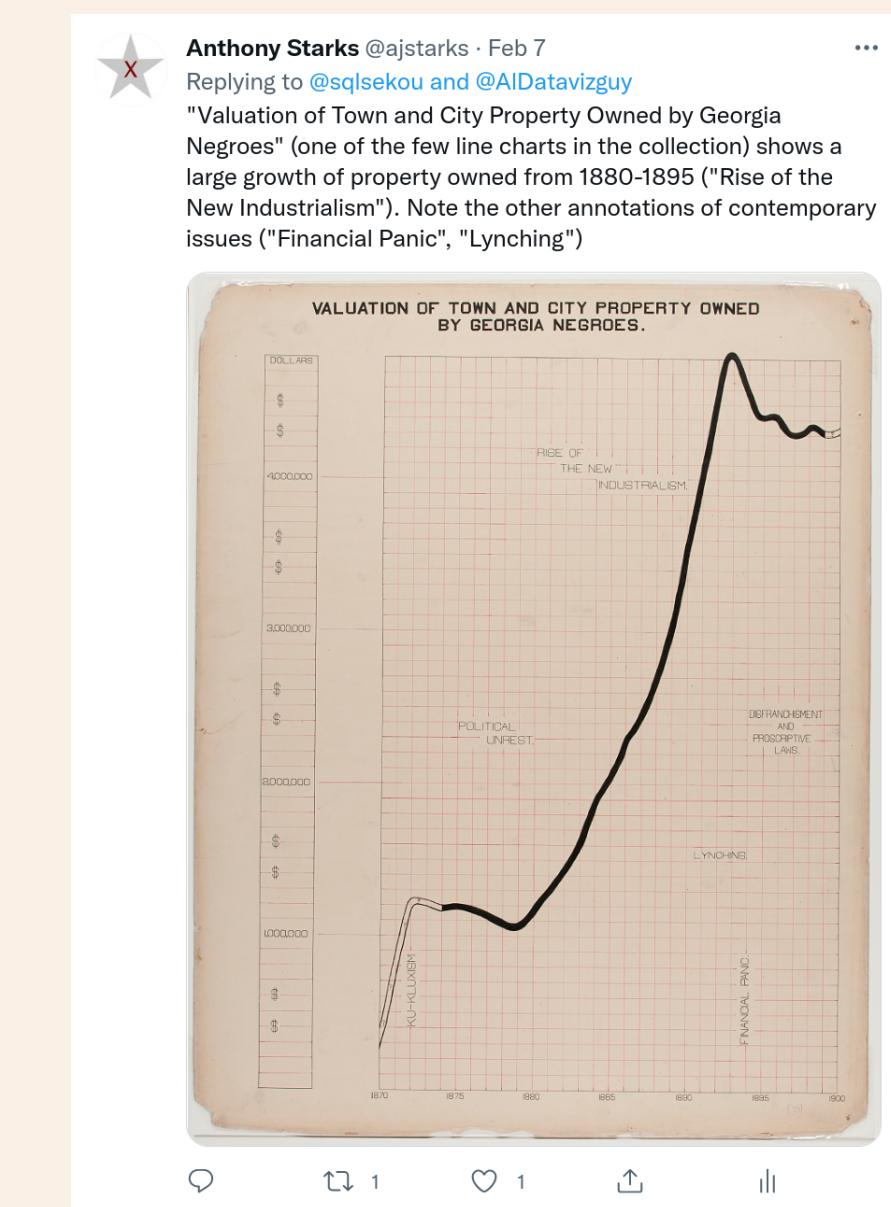
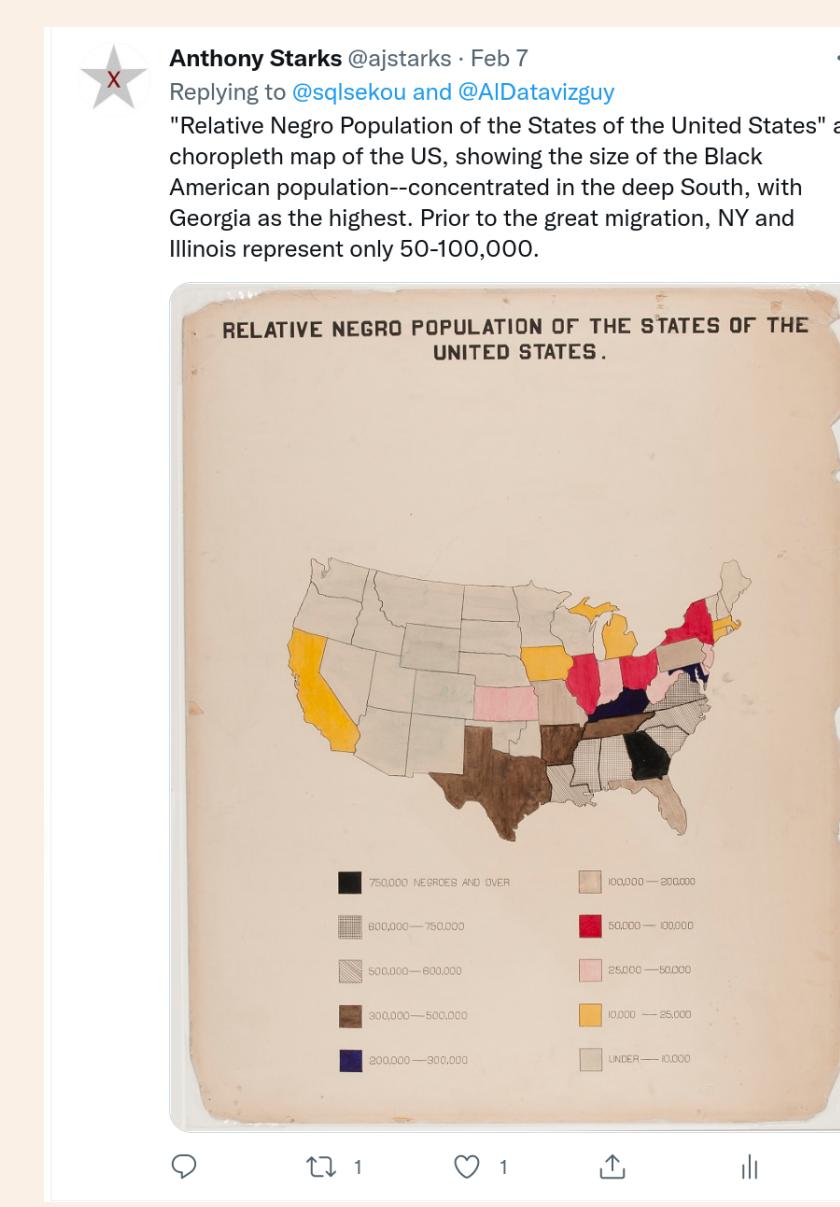
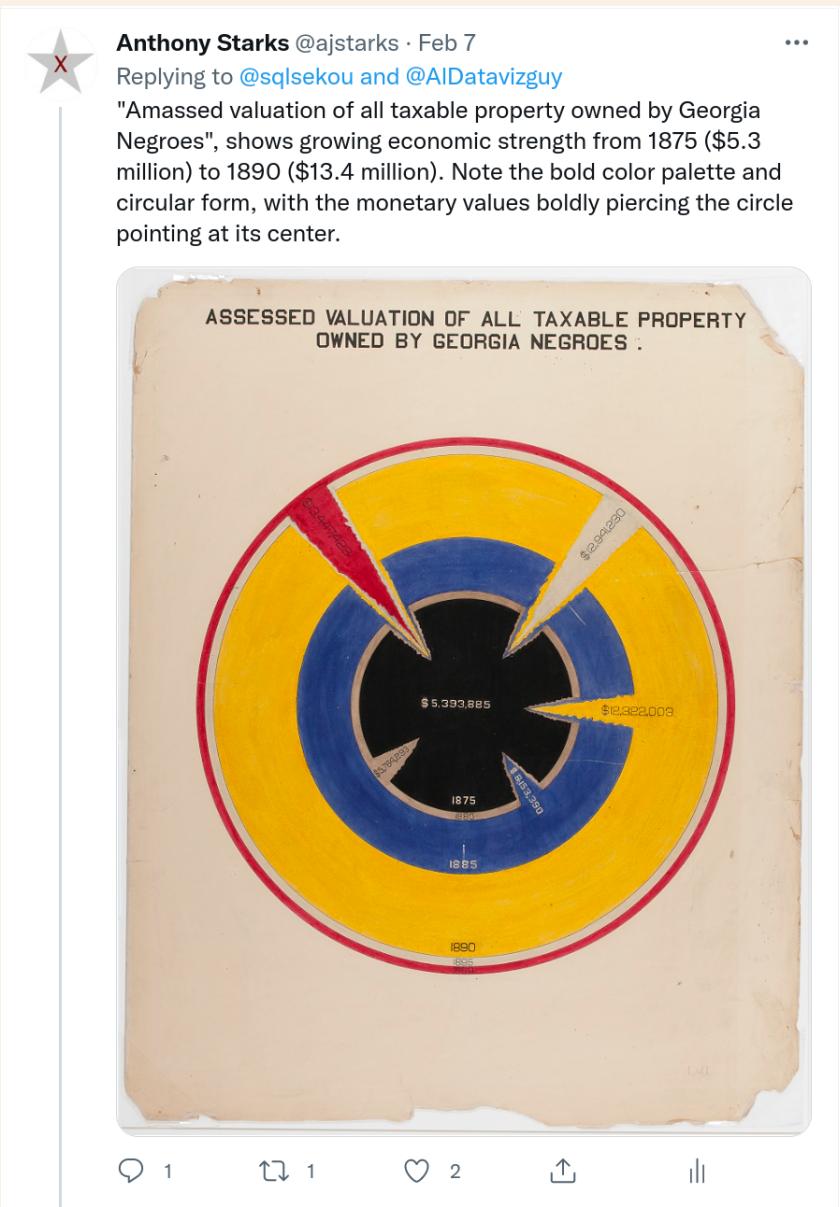
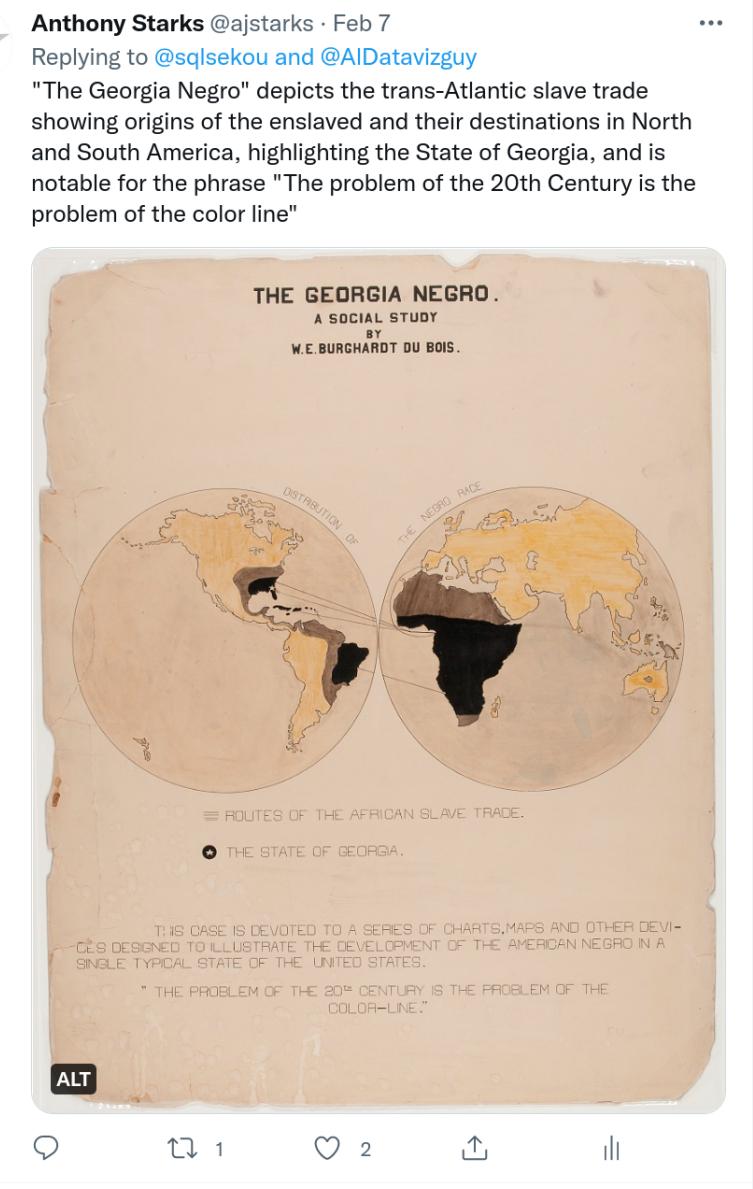
09



10



# The Introduction Thread





Icaro Bernardes  
@IcaroBSC

#30DayChartChallenge and  
#DuBoisChallenge2022 | #Day17 | Connections

Between 1551 and 1875 it is estimated that 3.5 million Africans were embarked towards cruel slavery in Brazil. Sadly, this forced Black Diaspora is still ongoing.

[bit.ly/3uV4JZq](https://bit.ly/3uV4JZq) 1/3



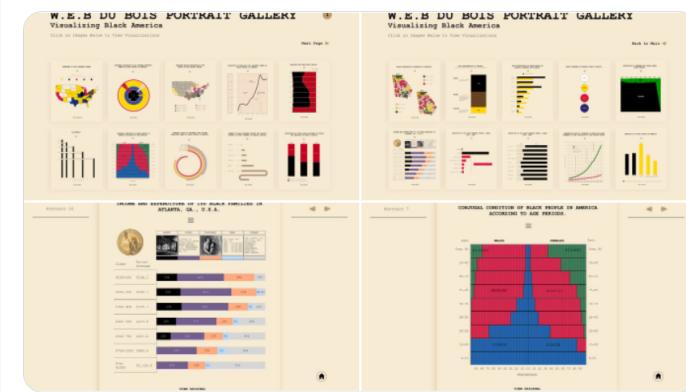
4:40 PM · Apr 19, 2022 · Twitter Web App

16 Retweets 2 Quote Tweets 76 Likes



Chimdi Nwosu  
@menscuriosa

Hey everyone, in honor of #BlackHistoryMonth 🌱 inspired by the #DuBoisChallenge2022 here's a gallery of 19 recreations of Du Bois' data viz + 1 created in his signature style for the #TuskegeeAirmenChallenge Link:[public.tableau.com/app/profile/chimdi.nwosu](https://public.tableau.com/app/profile/chimdi.nwosu) #datafam @AlDatavizguy @sqlsekou



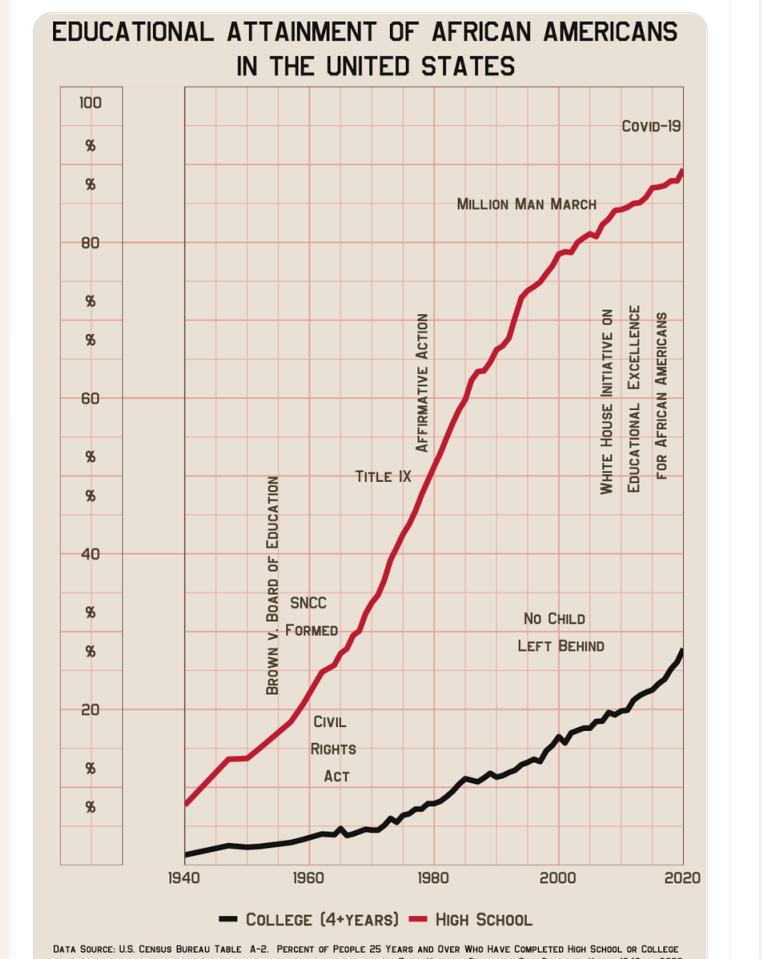
4:00 PM · Feb 21, 2022 · Twitter for Android

58 Retweets 13 Quote Tweets 318 Likes



Katie Press 🌻  
@katie\_press

My #TidyTuesday #DuBoisChallenge2022 #BlackHistoryMonth2022 mashup for this week - pretty happy with how it turned out. Blog post with code here: [kpress.dev/blog/2022-02-1...](https://kpress.dev/blog/2022-02-1...) #RStats #DataVisualization #dataviz #Radies #R4DS



1:17 PM · Feb 15, 2022 · Twitter Web App

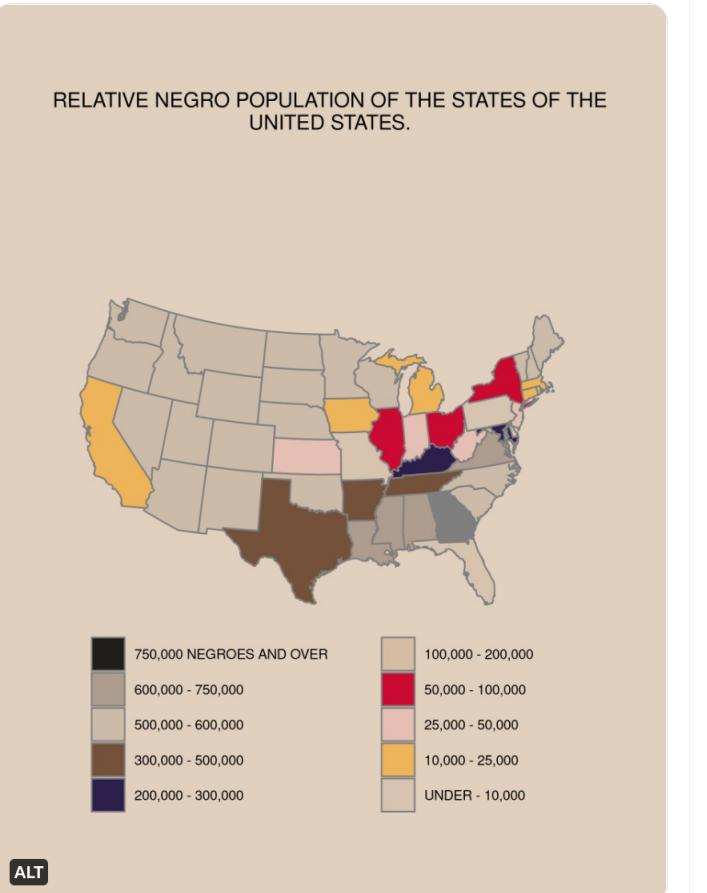
10 Retweets 3 Quote Tweets 87 Likes



Mitsuo Shiota  
@mitsuoxv

My submission for #TidyTuesday, Week 7 on DuBois #DuBoisChallenge2022 Challenge03.

Code: [github.com/mitsuoxv/tidyt...](https://github.com/mitsuoxv/tidyt...)



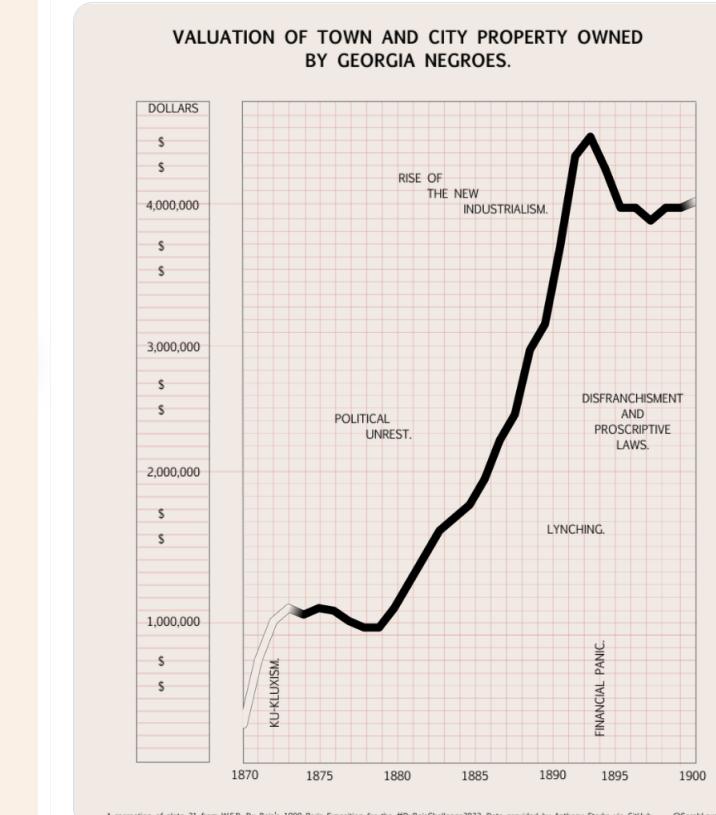
12:31 AM · Feb 15, 2022 · Twitter Web App

1 Retweet 2 Quote Tweets 56 Likes



Sarah Bartlett  
@sarahlovesdata

A recreation for the #DuBoisChallenge2022. This chart shows the value of property owned by Black Georgians, mapped against sociopolitical events such as 'lynching' and 'Ku-Kluxism', indicating the violent context for Black attempts at owning property. [public.tableau.com/views/Plate21D...](https://public.tableau.com/views/Plate21D...)



A recreation of plate 21 from W.E.B. Du Bois' 1900 Paris Exposition for the #DuBoisChallenge2022. Data provided by Anthony Starks via GitHub. [@SarahLovesData](https://github.com/AnthonyStarks/DuBoisChallenge2022)

8:30 AM · Feb 18, 2022 · Twitter Web App

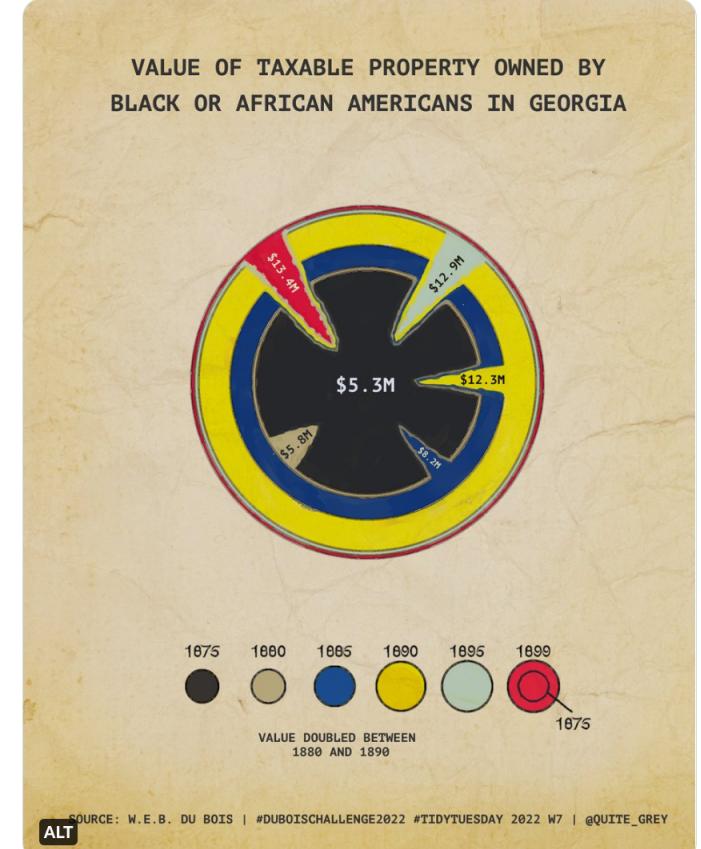
11 Retweets 1 Quote Tweet 75 Likes



not quite my grey  
@quite\_grey

Here's a replica of one of W.E.B. Du Bois' charts with a few modern changes. Measured out the areas in R, plotted with ggforce::geom\_circle, and finished in Clip Studio Paint.

#DuBoisChallenge2022 #TidyTuesday #RStats #DataVisualization #DataViz #R4DS



9:45 AM · Feb 15, 2022 · Twitter Web App

11 Retweets 1 Quote Tweet 75 Likes

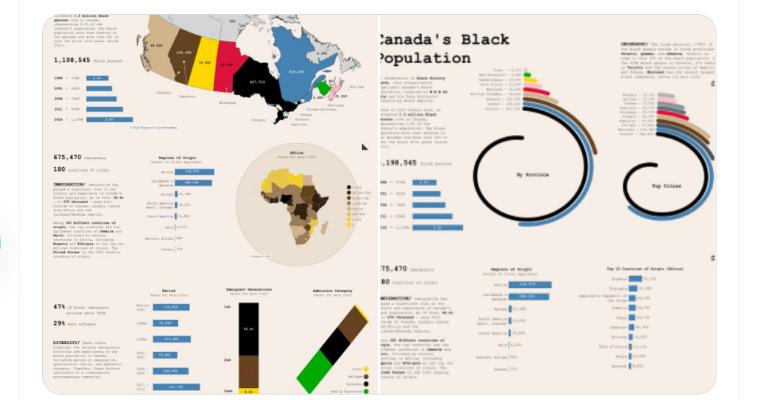


Dennis Kao  
@professor35

Here's my humble attempt at replicating & adapting the data viz stylings of W.E.B. Du Bois to look at Canada's Black population. Inspired by @menscuriosa's work. Feedback please!

Interactive viz: [tabsoft.co/3CDU5Zt](https://tabsoft.co/3CDU5Zt)

#DuBoisChallenge2022 #DiversityinData  
#BlackHistoryMonth 🌱



10:14 AM · Mar 12, 2022 · Twitter Web App

26 Retweets 3 Quote Tweets 215 Likes

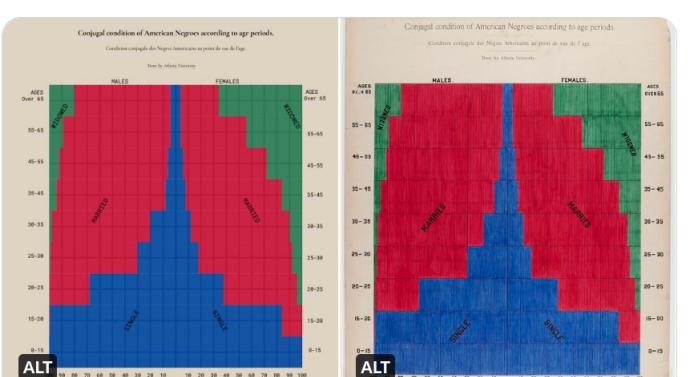


Nicola Rennie  
@nrennie35

#TidyTuesday and the #DuBoisChallenge2022 this week, working to recreate the works of W.E.B. DuBois. I had a go at recreating challenge 7 in #rstats today (left: recreation, right: original)

Code: [github.com/nrennie/dubois...](https://github.com/nrennie/dubois...)

#DataVisualization #DataViz #DataScience  
#DuBoisChallenge



2:56 PM · Feb 15, 2022 · Twitter Web App

13 Retweets 1 Quote Tweet 118 Likes



Fiona Lees  
@Fi\_Lees

#TidyTuesday, Week 7. #DuBoisChallenge2022, Challenge 2. Used ggplot2 + ggforce package to recreate Plate 22 in #RStats

Data source: Anthony Starks  
Code: [github.com/fi-lees/tidy\\_t...](https://github.com/fi-lees/tidy_t...)  
#r4ds #tidyverse #dataviz



10:04 AM · Feb 18, 2022 · Twitter Web App

4 Retweets 22 Likes

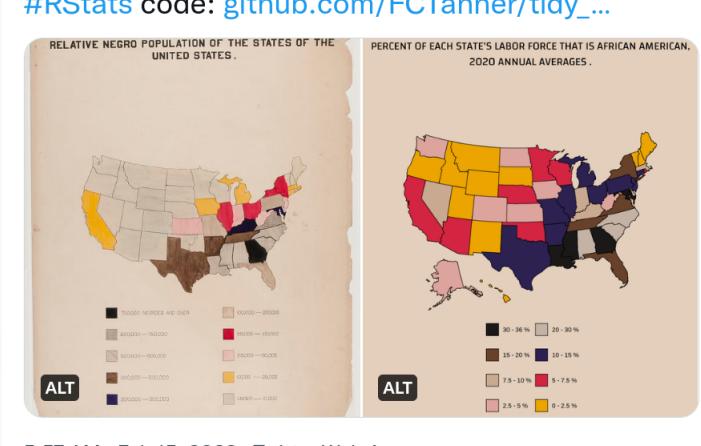


Florian Tanner  
@TannerFlorian

#DuBoisChallenge2022 I attempted to recreate a DuBois-style map with recent data from the U.S. Bureau of Labor Statistics (challenge03).

#TidyTuesday

#RStats code: [github.com/FC Tanner/tidy\\_...](https://github.com/FC Tanner/tidy_...)



5:57 AM · Feb 15, 2022 · Twitter Web App

4 Retweets 27 Likes

# Notable Examples

 Icaro Bernardes  
@IcaroBSC

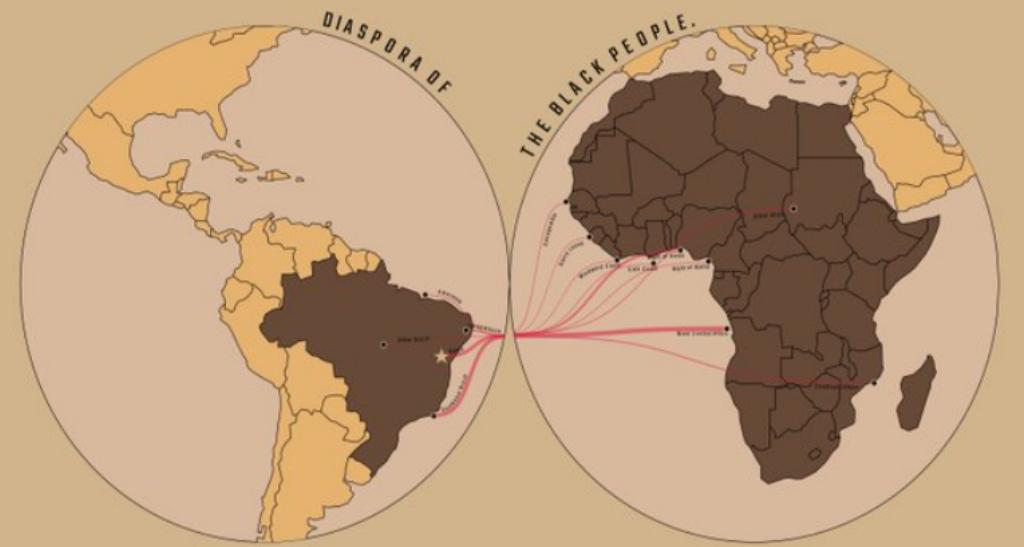
...  
[#30DayChartChallenge](#) and  
[#DuBoisChallenge2022](#) | [#Day17](#) | Connections

Between 1551 and 1875 it is estimated that 3.5 million Africans were embarked towards cruel slavery in Brazil. Sadly, this forced Black Diaspora is still ongoing.

 : [bit.ly/3uV4JZq](https://bit.ly/3uV4JZq) 1/3 

**THE AFRO-BRAZILIANS.**

POSTERS INSPIRED BY W.E.B. DU BOIS WITH DATA FROM IBGE AND THE SLAVE VOYAGES PROJECT.  
GRAPHICS MADE BY ICARO BERNARDES (@IcaroBSC).

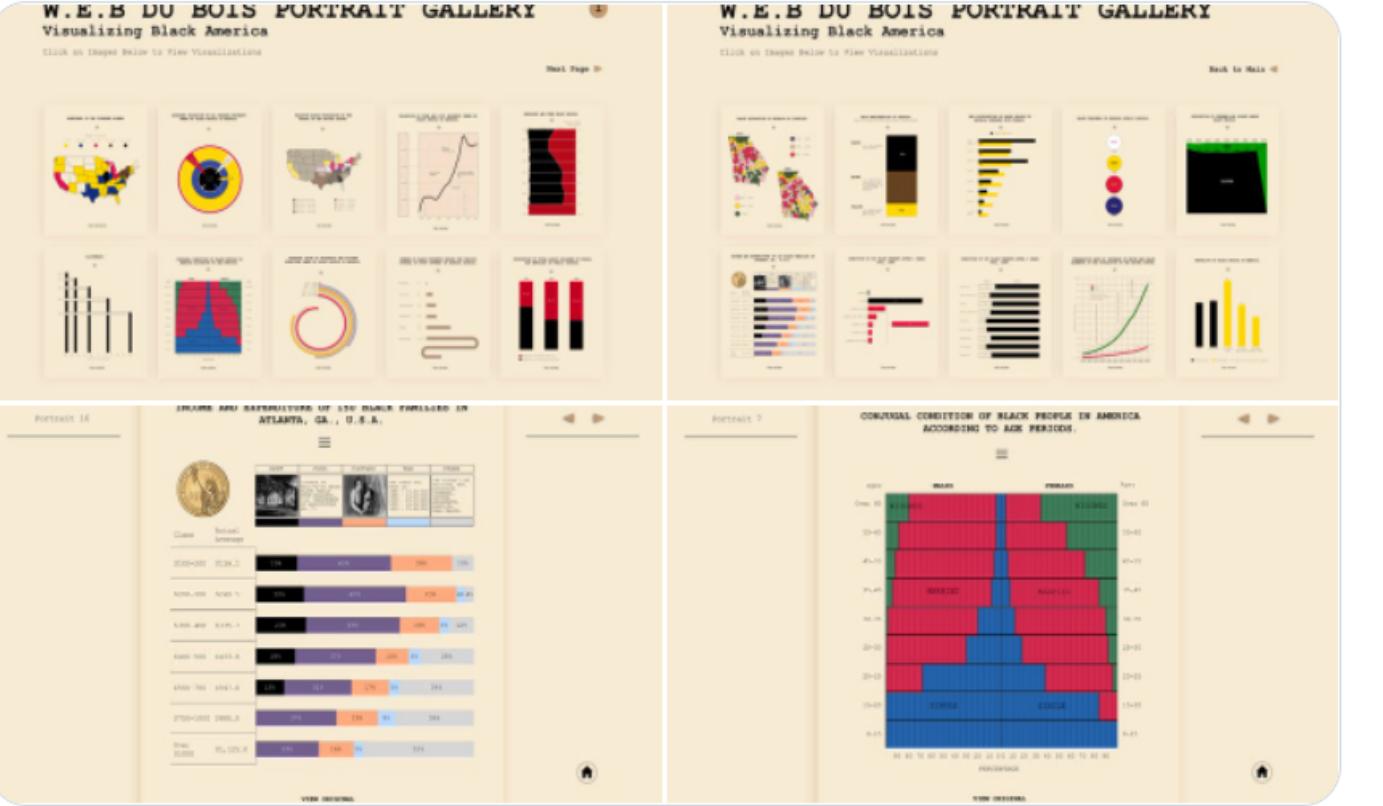


UNFORTUNATELY THE FORCED DIASPORA OF AFRICANS DID NOT SUBSIDE.  
TODAY MANY FLEE THEIR COUNTRIES RUNNING AWAY FROM POVERTY, WAR AND ENVIRONMENTAL DISASTERS.  
THE FUTURE OF AFRICA STILL IS BEING EXPORTED TO THE WORLD.

4:40 PM · Apr 19, 2022 · Twitter Web App

 Chimdi Nwosu  
@menscuriosa

...  
Hey everyone, in honor of [#BlackHistoryMonth](#) 🌏 inspired by the [#DuBoisChallenge2022](#) here's a gallery of 19 re-creations of Du Bois' data vizzes + 1 created in his signature style for the [#TuskegeeAirmenChallenge](#) Link: [public.tableau.com/app/profile/chimdi.nwosu](https://public.tableau.com/app/profile/chimdi.nwosu)  
[#datafam](#)  
[@AlDatavizguy](#) @sqlsekou



4:00 PM · Feb 21, 2022 · Twitter for Android

58 Retweets 13 Quote Tweets 313 Likes

 Baltimore Office of Performance & Innovation  
@BaltOPI

...  
Melanie, Data Fellows Program Manager, focused on the 13th amendment and prison labor as a form of modern slavery for OPI's [#DuBoisChallenge](#). Her visualization, using data from [@verainstitute](#), shows how Black people are disproportionately incarcerated. [storymaps.arcgis.com/stories/6a3d50...](https://storymaps.arcgis.com/stories/6a3d50...)

**Rethinking "Slaves and Free Negroes"**

by Melanie Rogala, Data Fellows Program Manager, OPI



The 13th amendment signed into the U.S. Constitution on December 18th, 1865 abolished slavery in the United States. As described in the book, slavery did not end hardship for Black people in the United States. Freedom from slavery left people "homeless, penniless, stripped of their vote, and patrolled by whites."

The 13th Amendment may have outlawed the enslavement of Black people, but the United States continues to devise new ways to uphold the racist hierarchies that slavery was founded on and to restrict the freedom of the descendants of enslaved people.

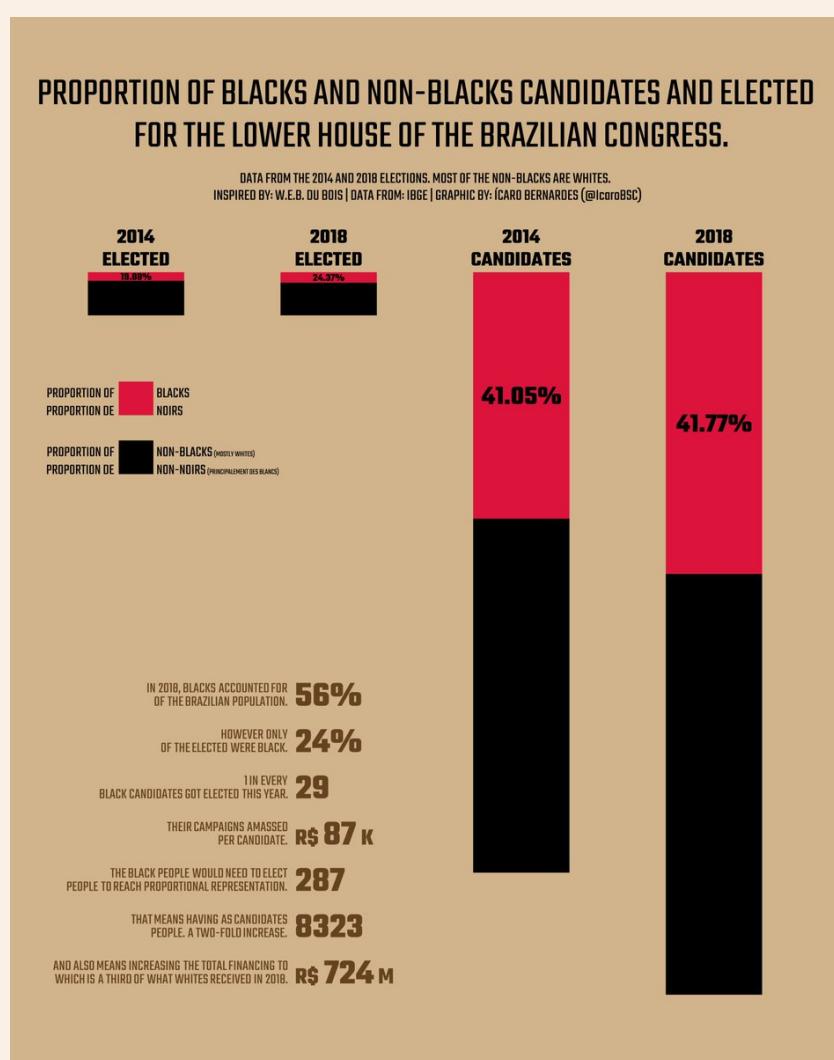
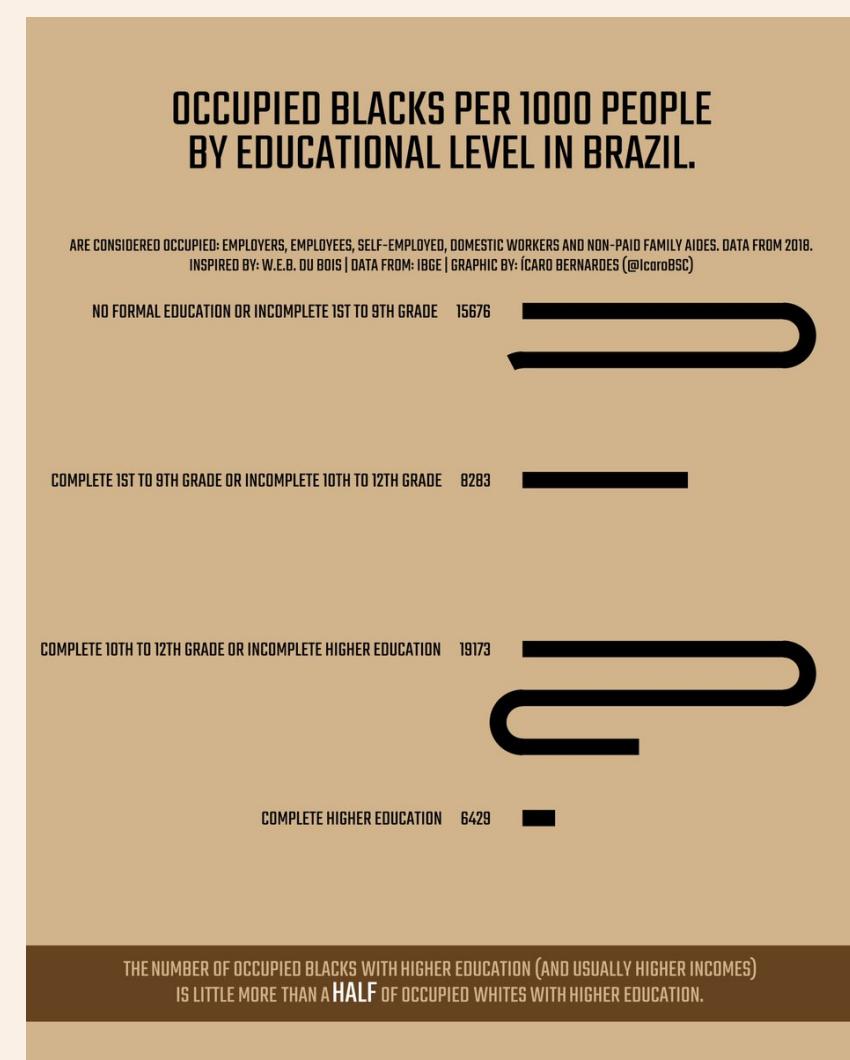
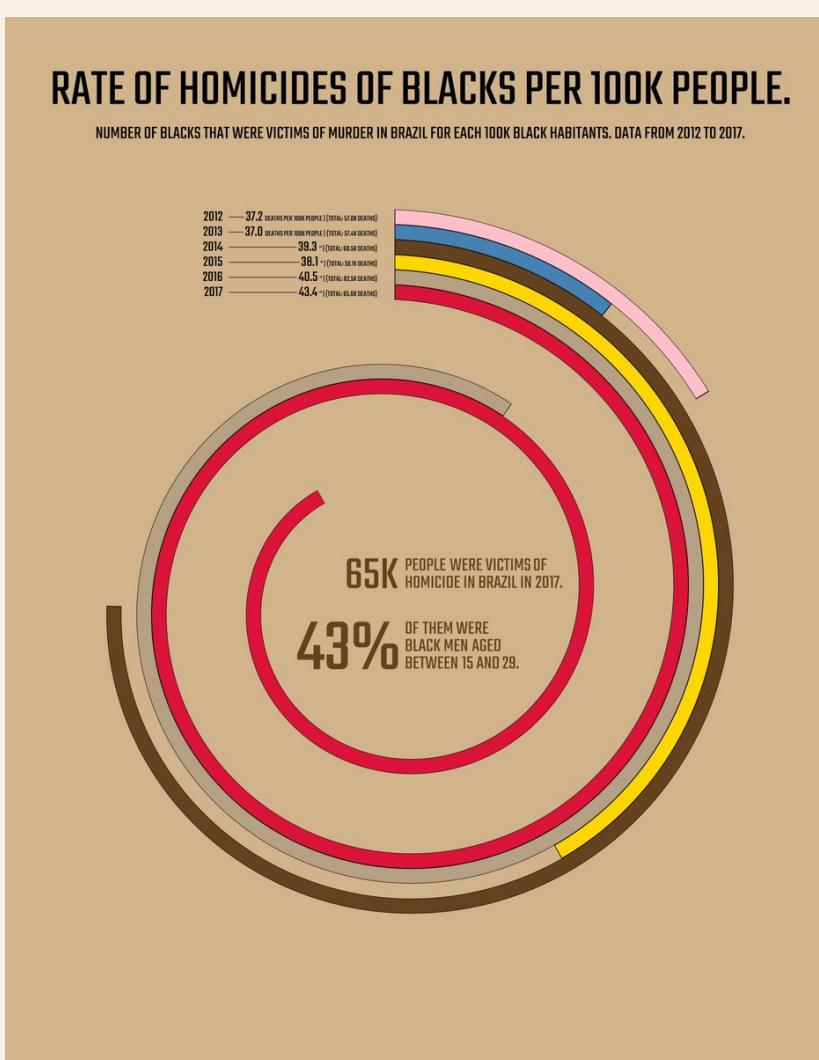
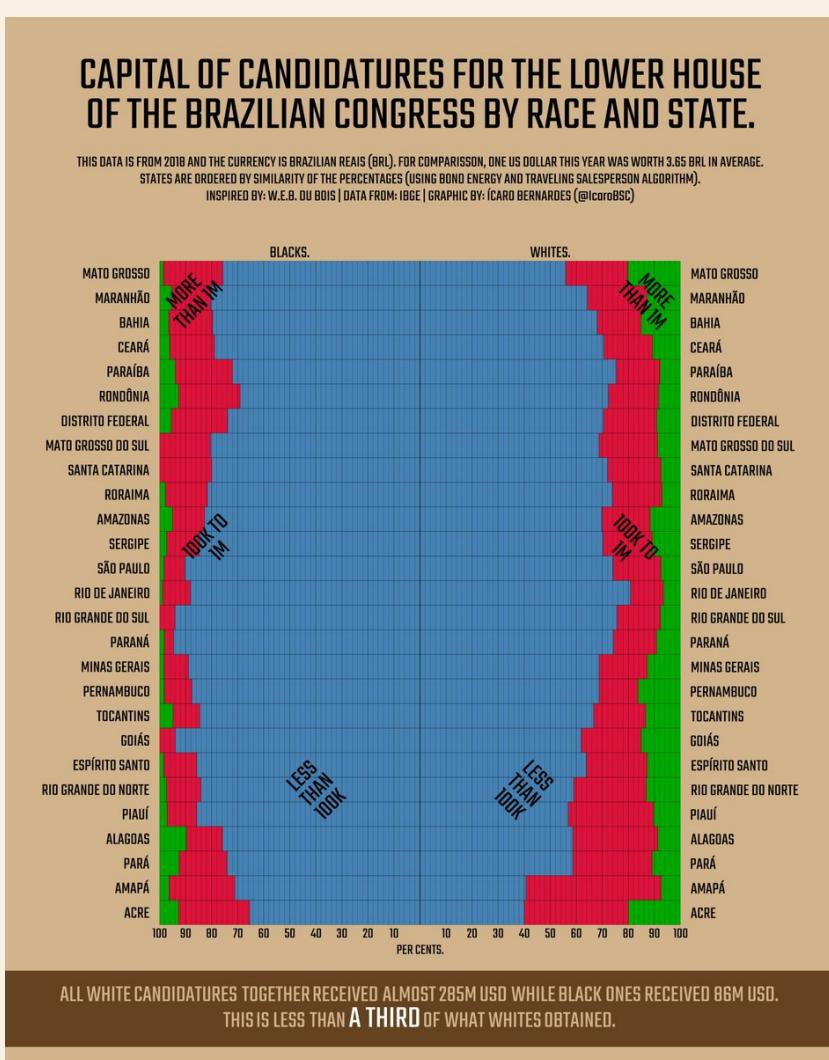
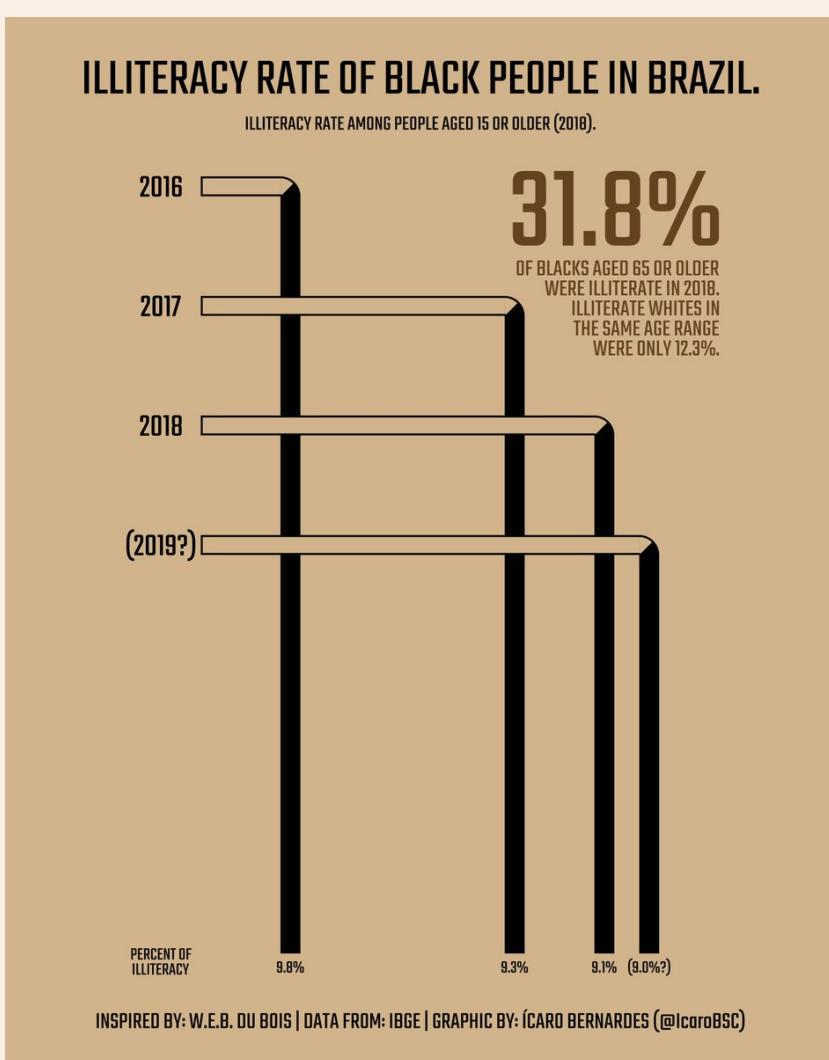
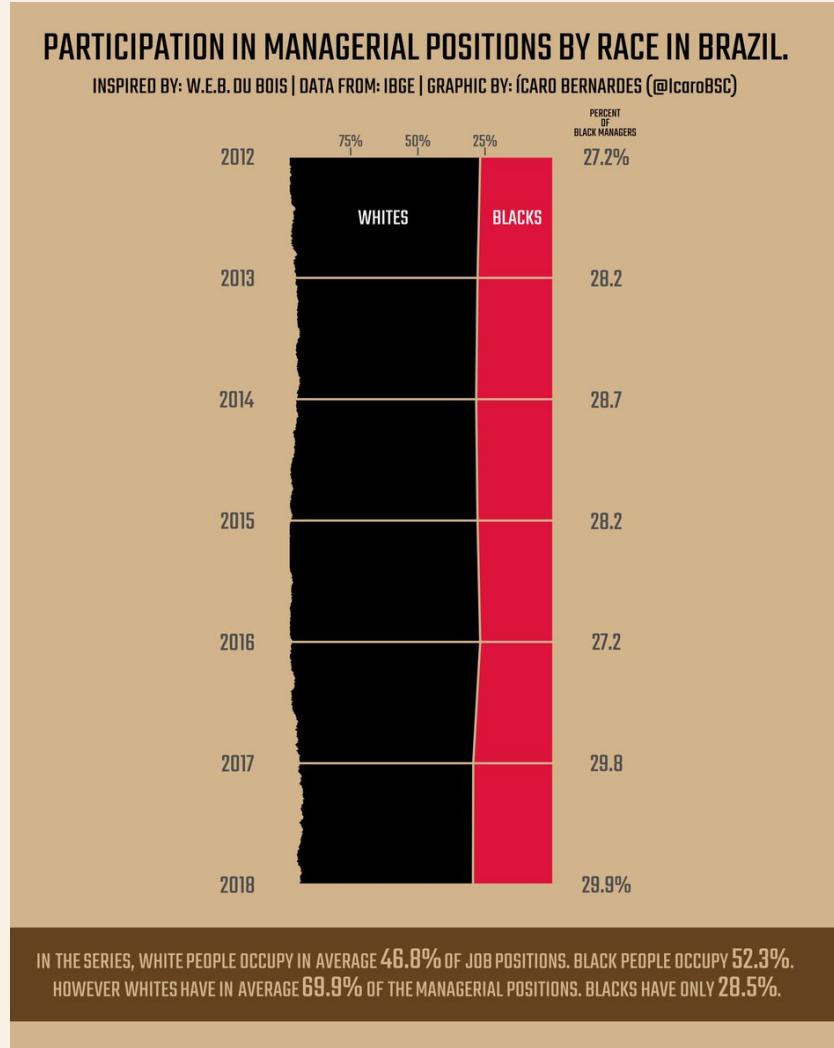
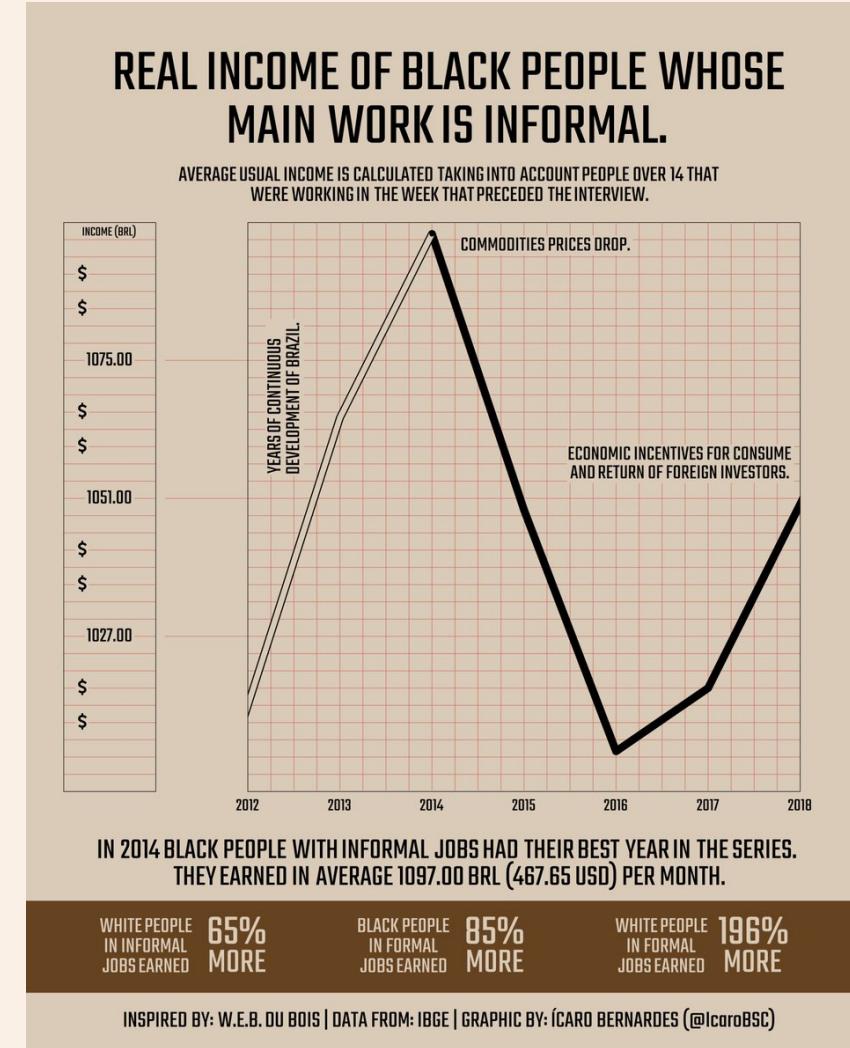
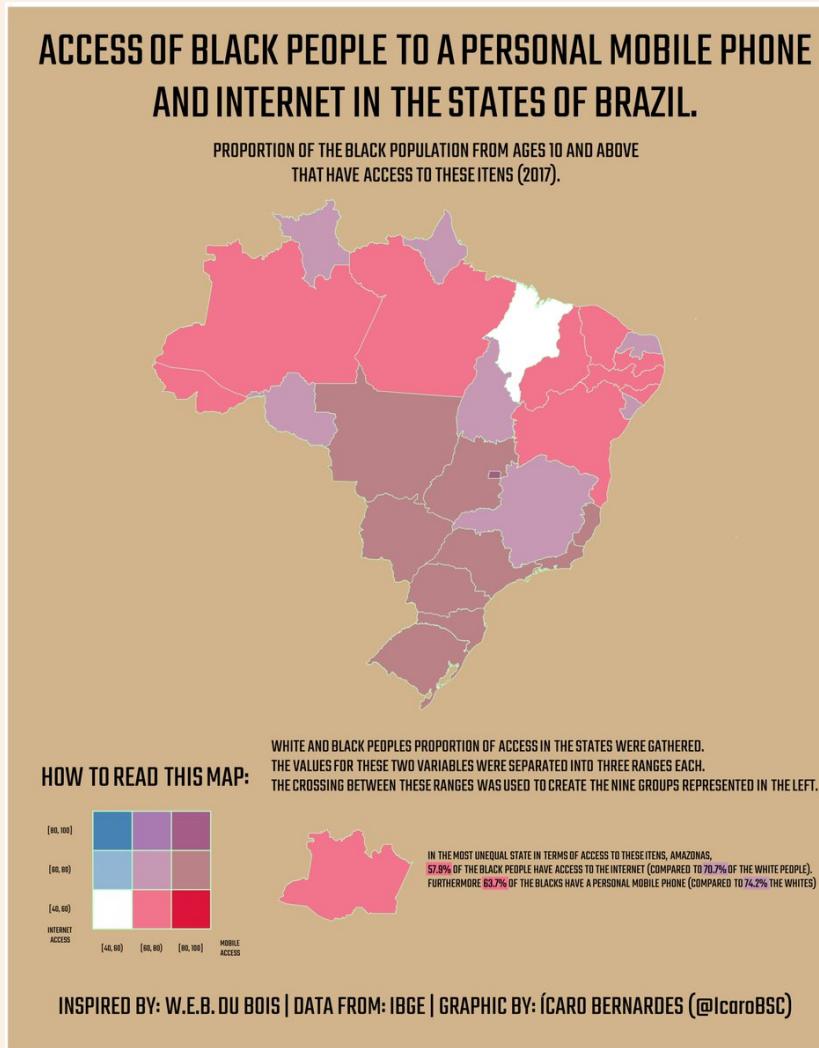
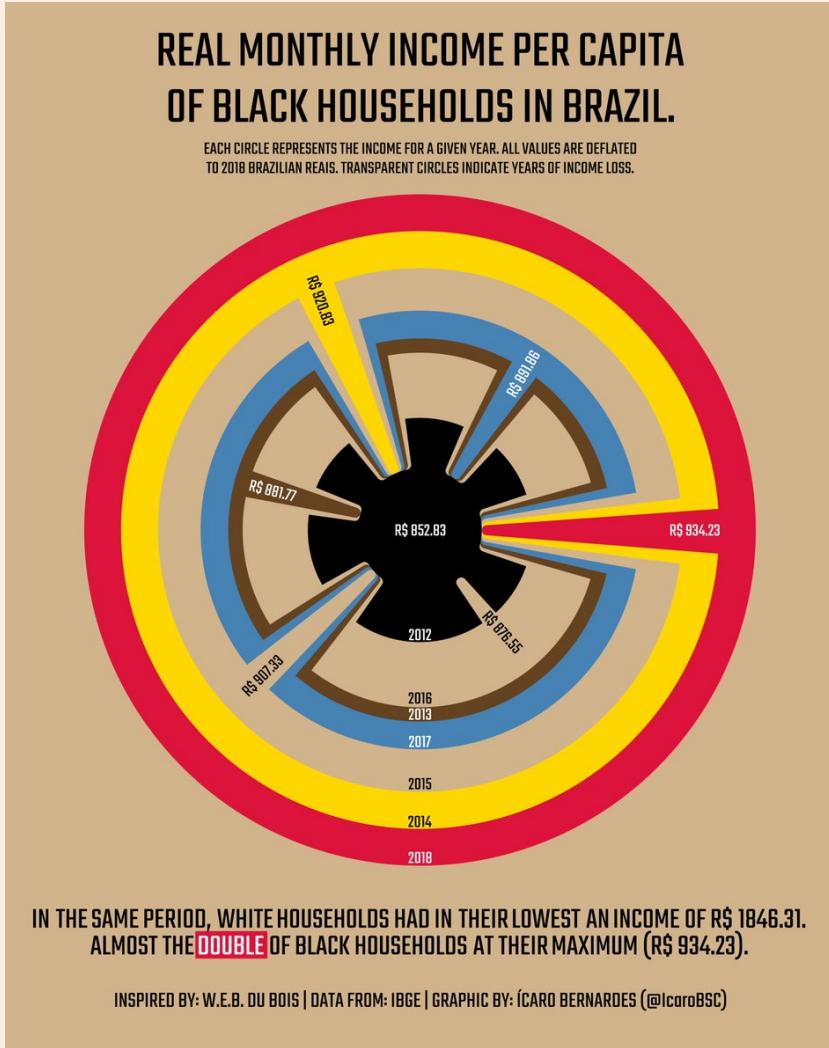
-Vera Institute of Justice

2:07 PM · Apr 4, 2022 · Twitter Web App

1 Retweet 6 Likes

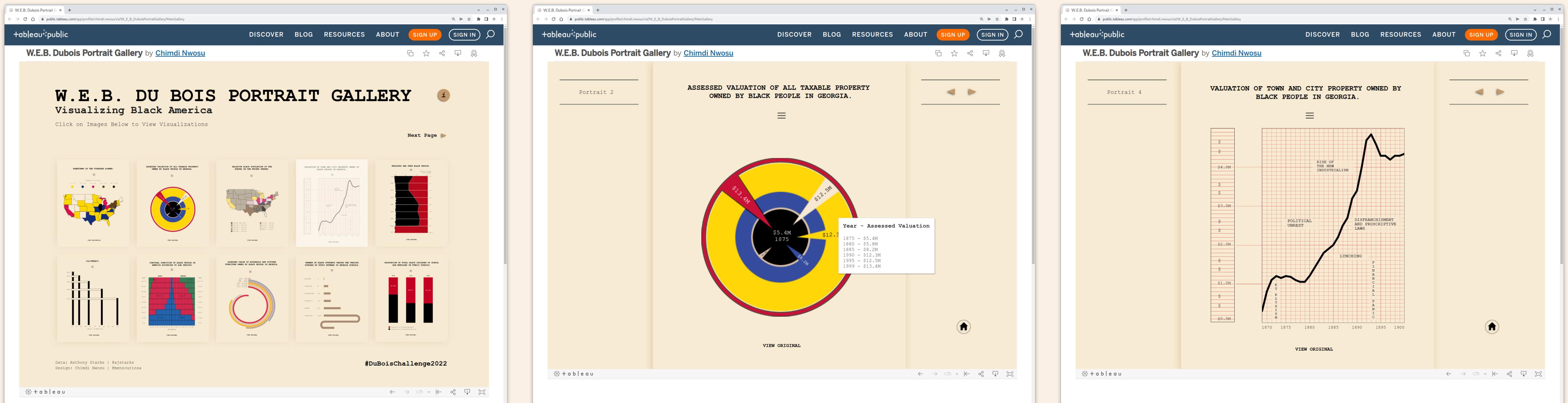


# Ícaro Bernardes (@IcaroBSC)



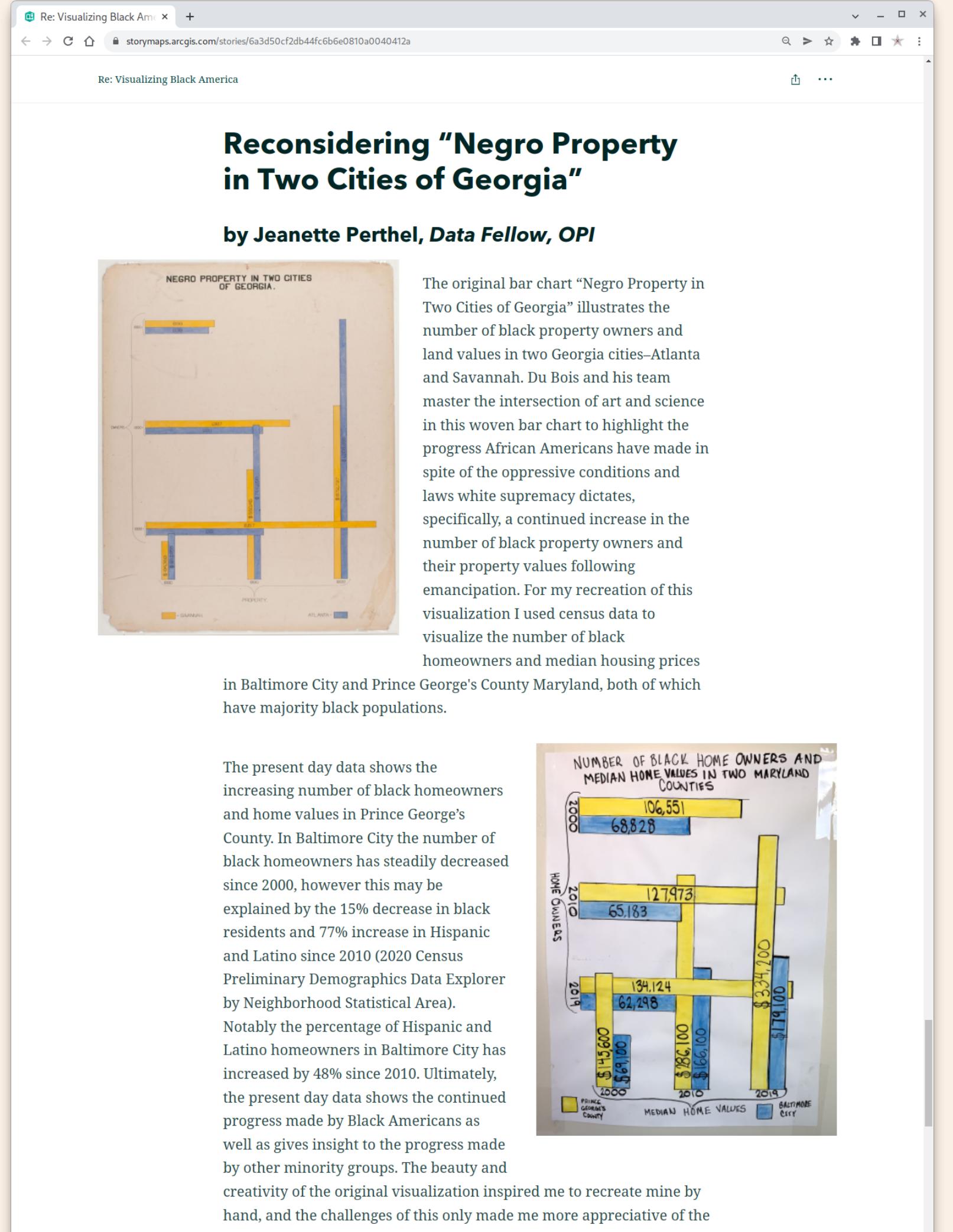
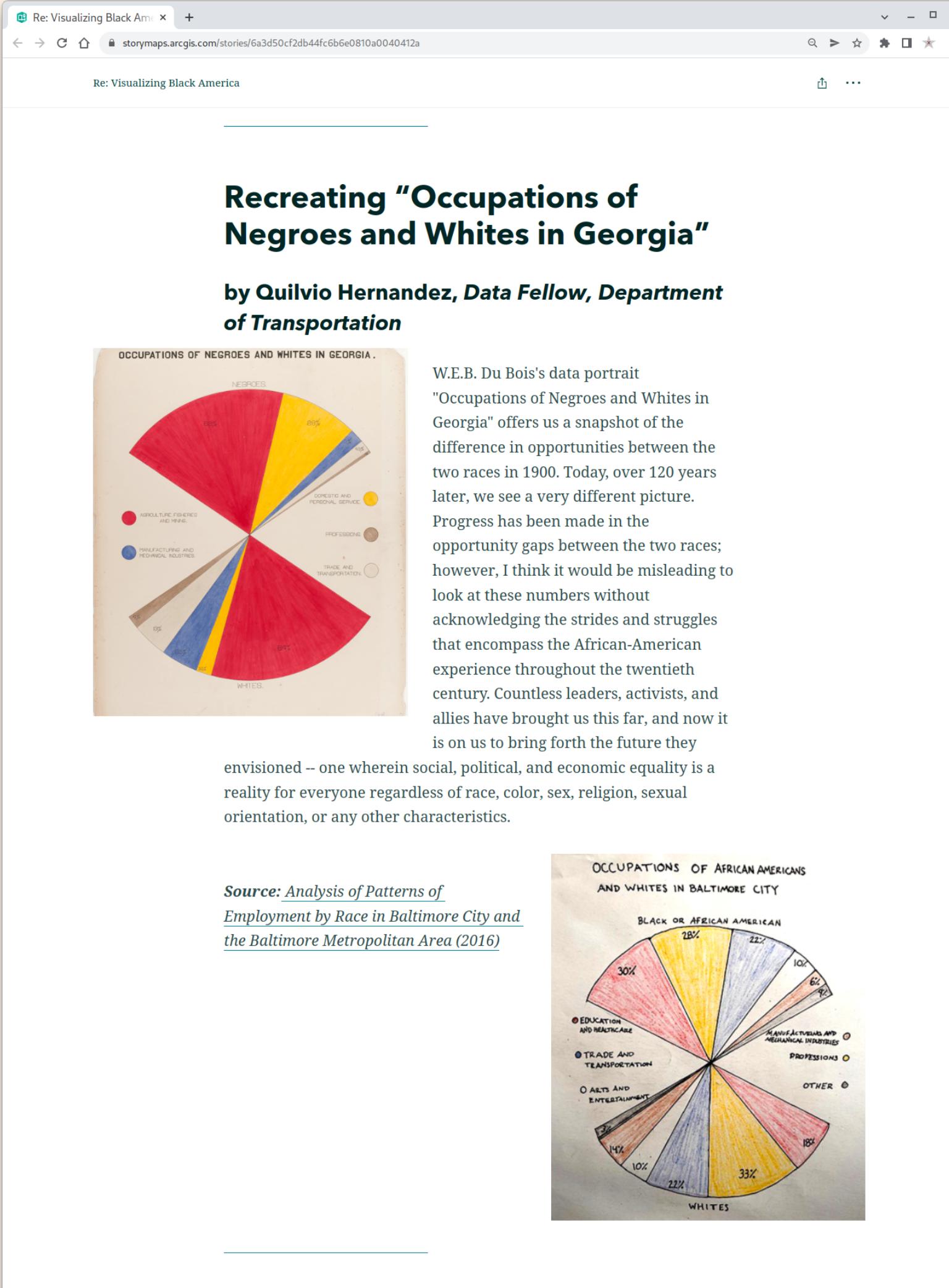
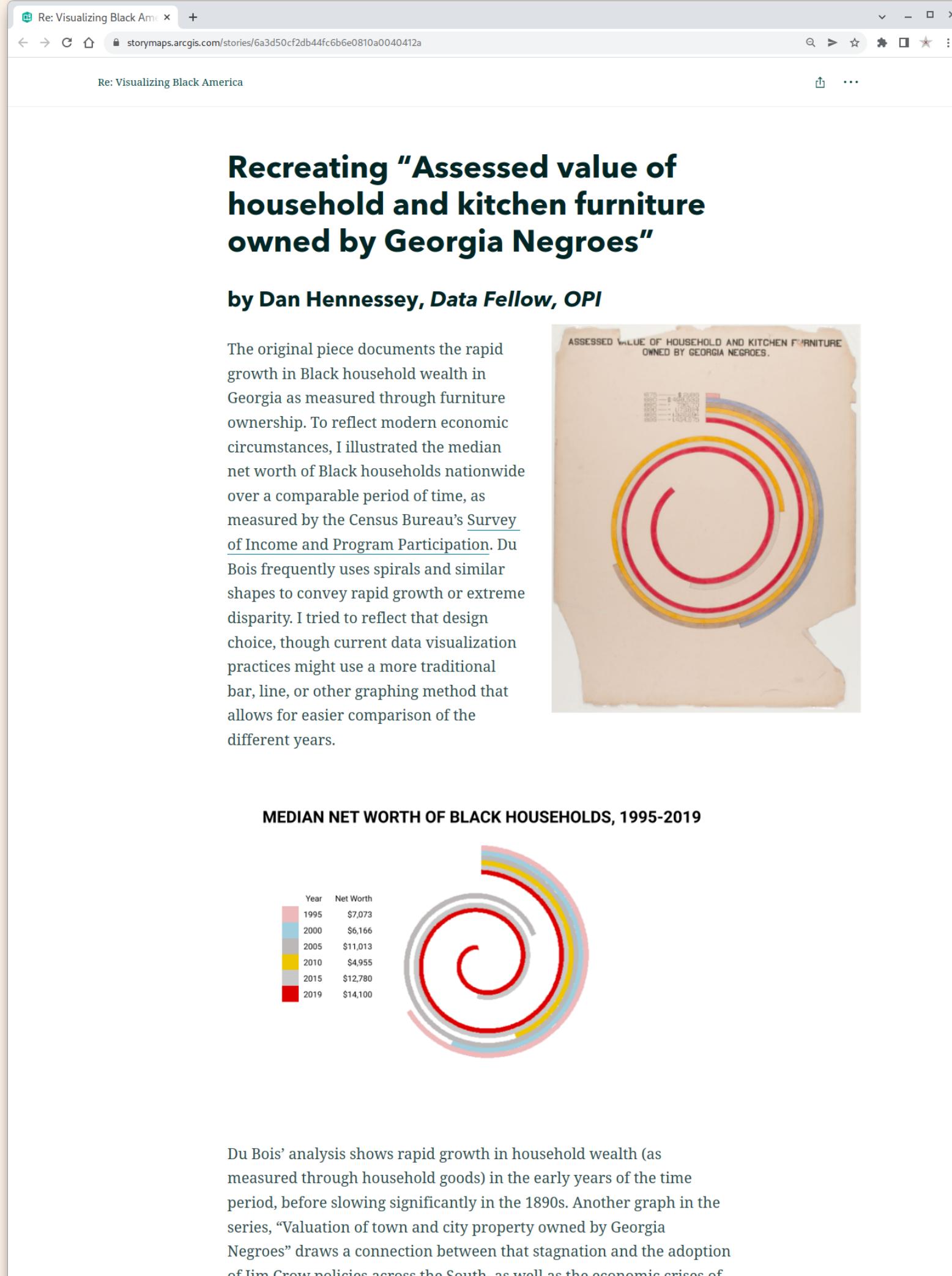


# Chimdi Nwosu (@menscuriosa)





# Baltimore OPI (@baltopi)



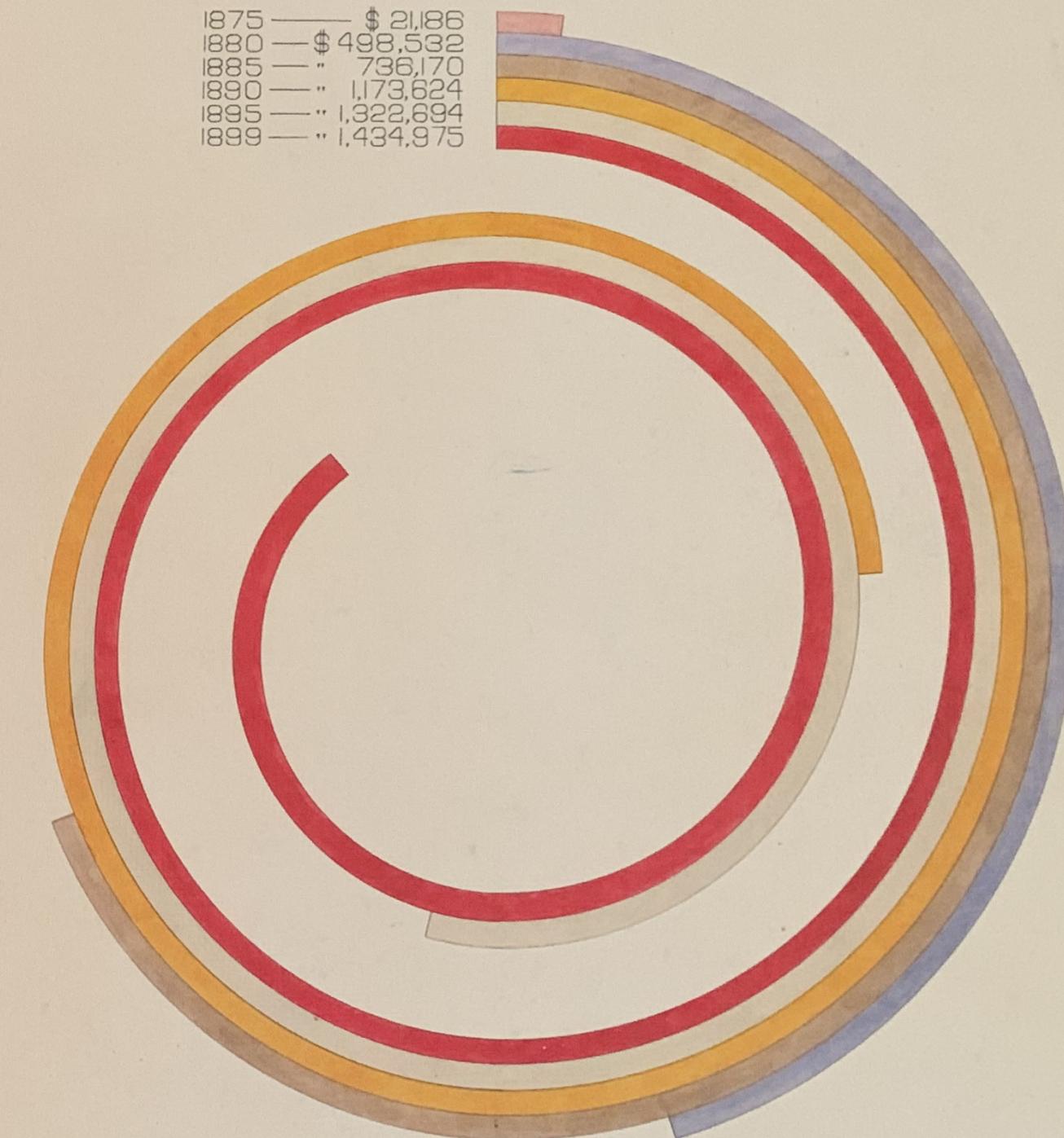
# Re-Creating the Du Bois Data Portraits



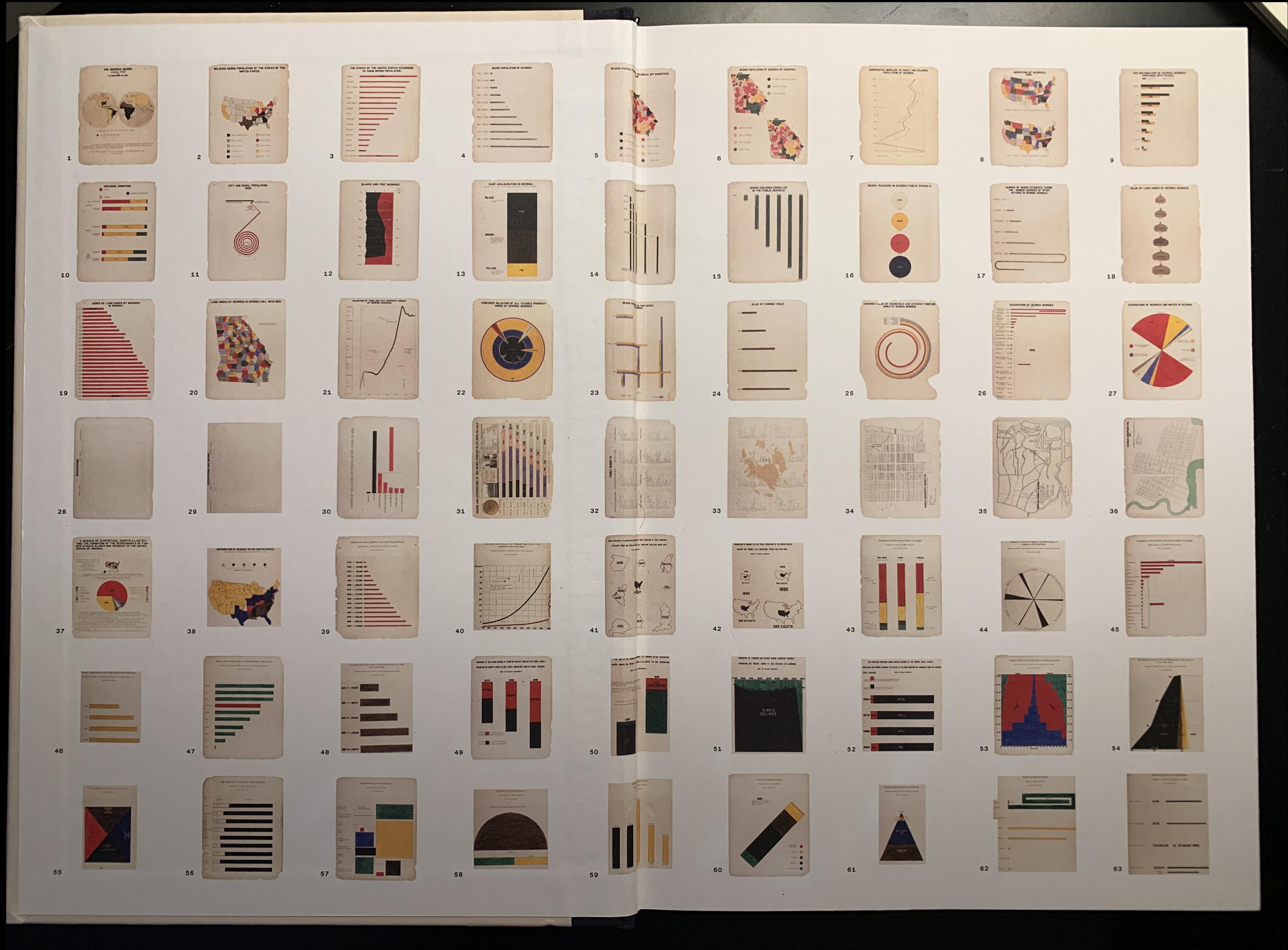
**W. E. B. Du Bois's Data Portraits**  
**Visualizing Black America**

THE COLOR LINE AT THE TURN OF THE TWENTIETH CENTURY

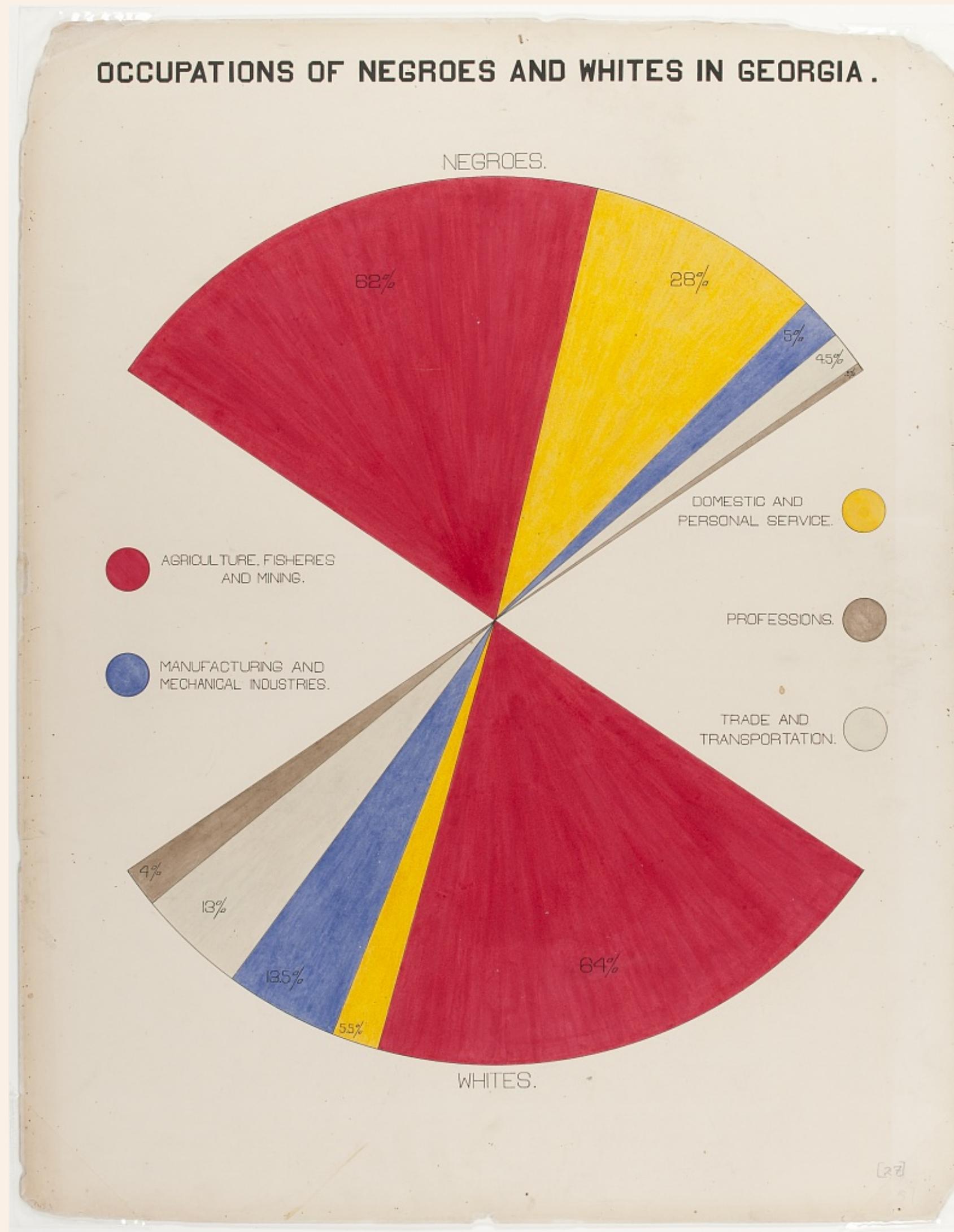
1875 — \$ 21,86  
1880 — \$ 498,582  
1885 — " 786,170  
1890 — " 1,173,624  
1895 — " 1,322,894  
1899 — " 1,434,975



WHITNEY BATTLE-BAPTISTE and BRITT RUSERT, editors

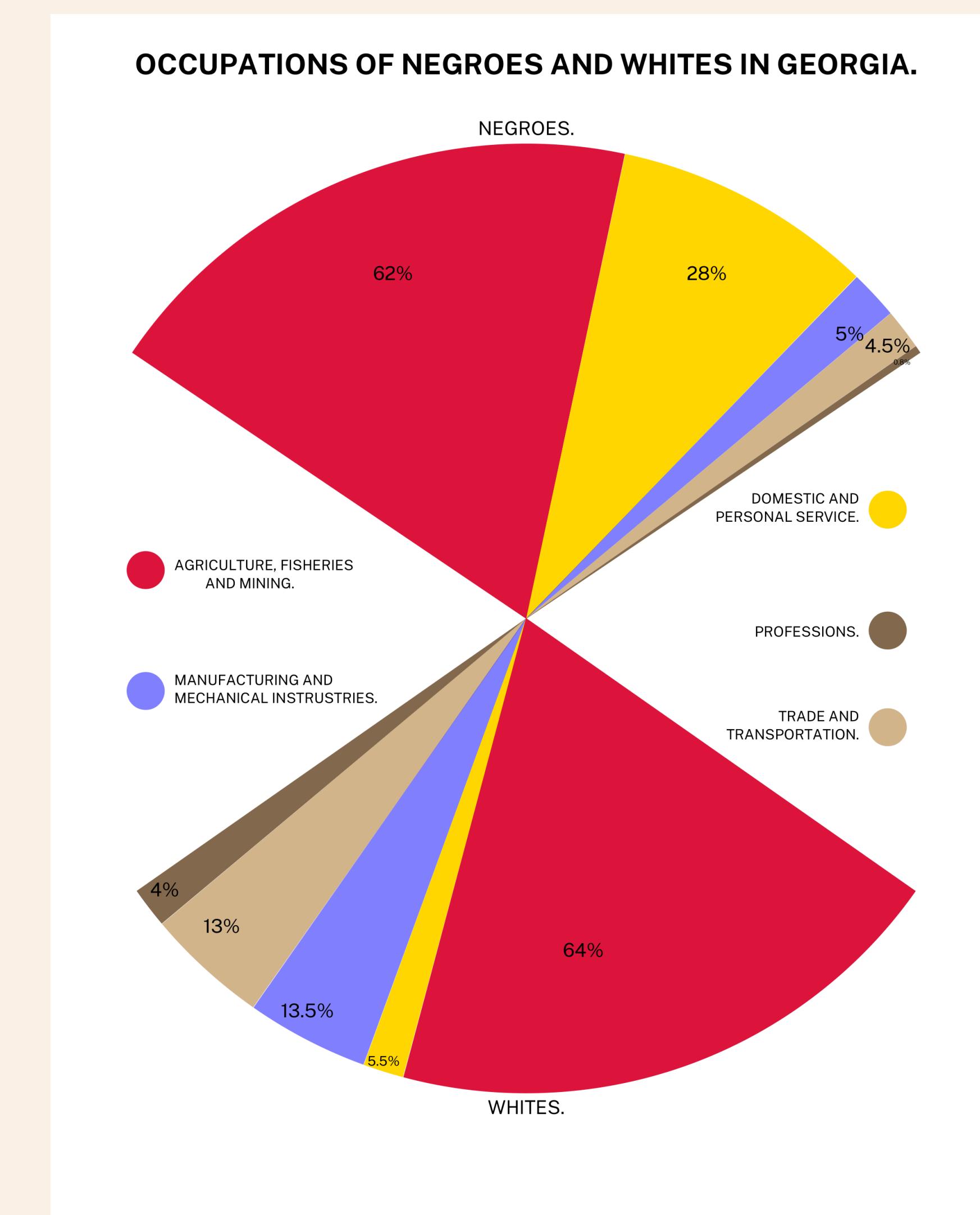


# Pen, Ink, Watercolor, Paper, Expos

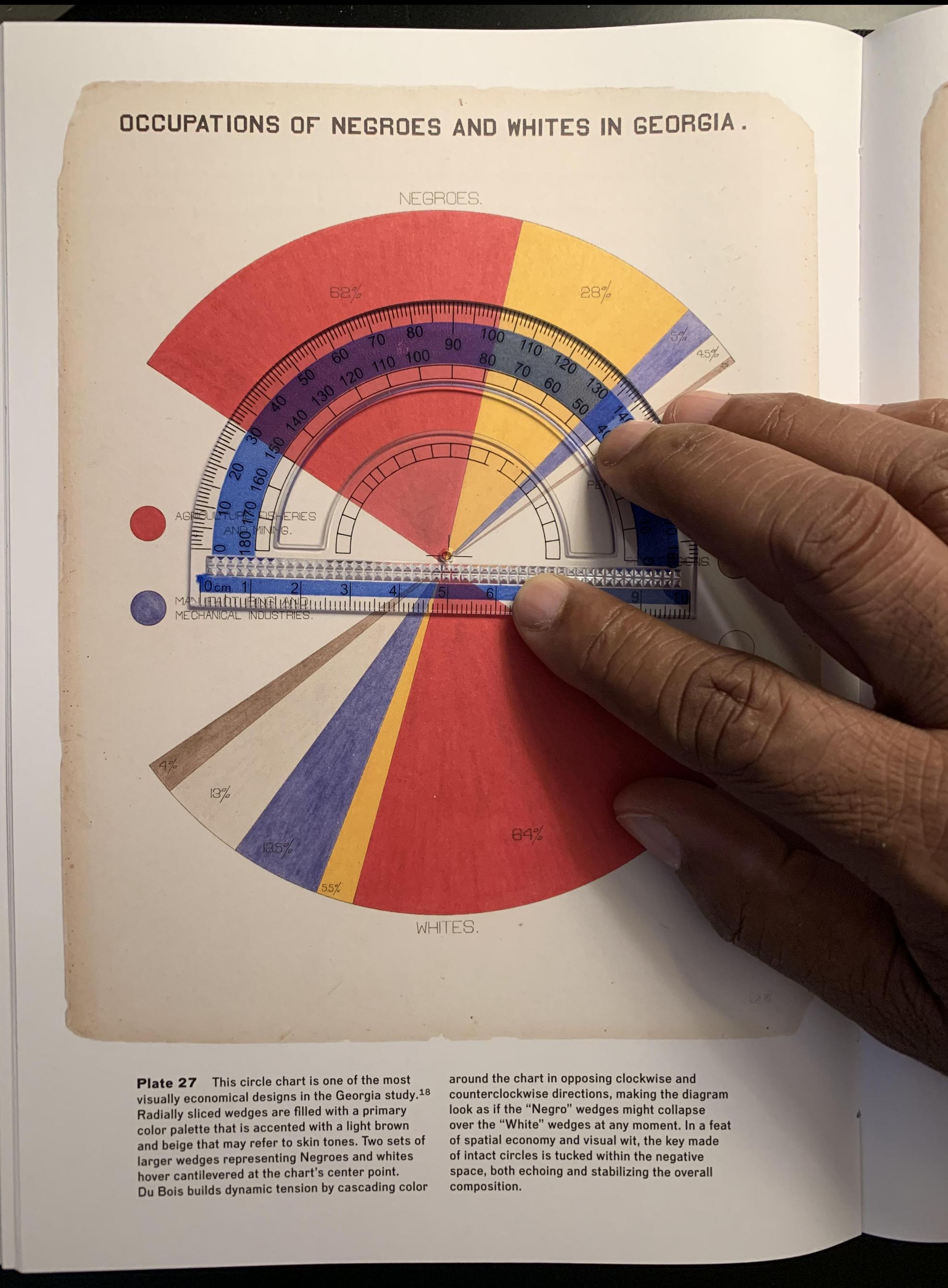
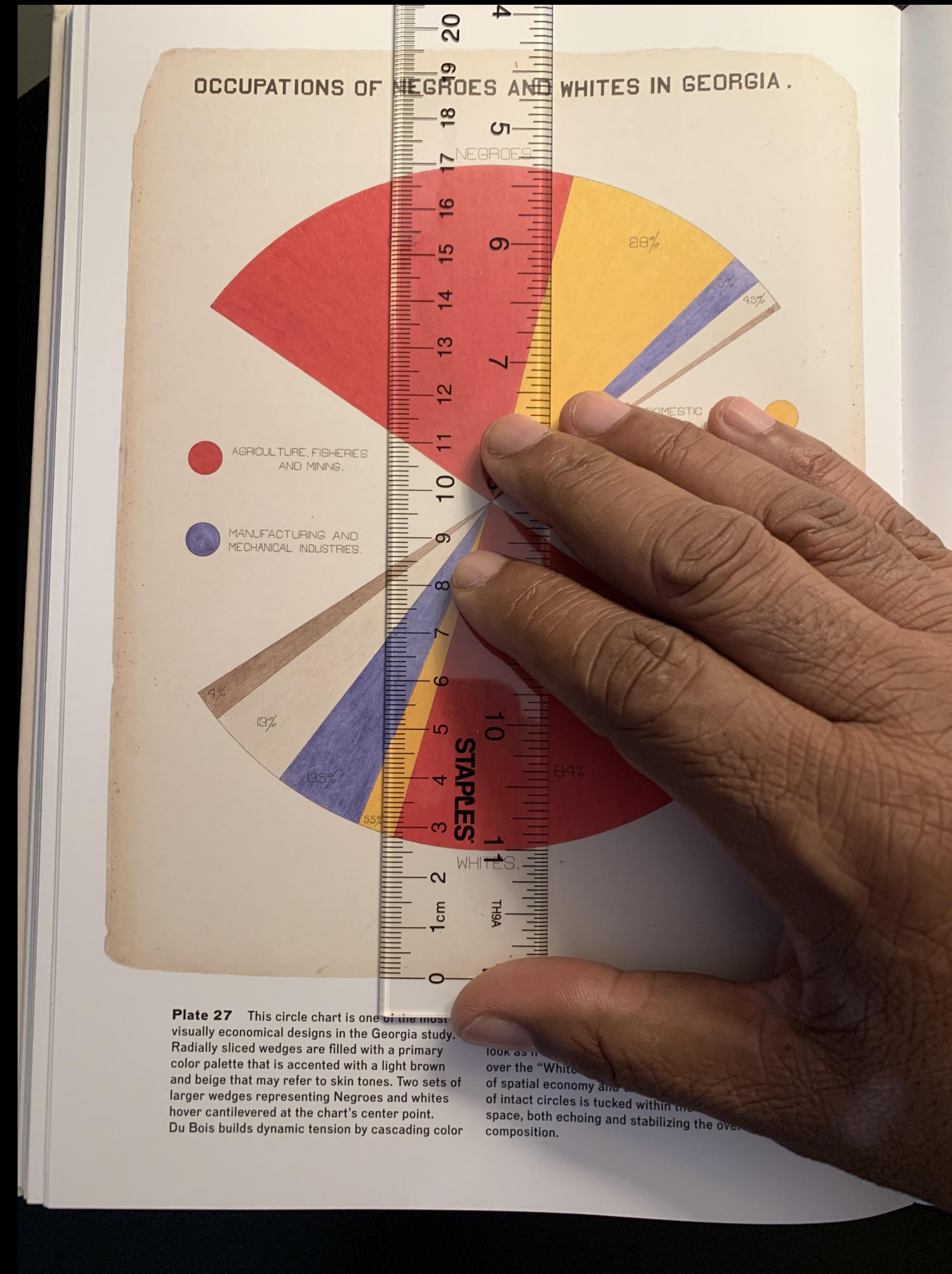


1900

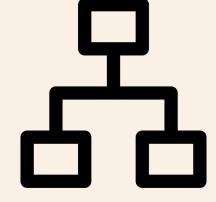
# Scripting, Digital Fonts, PDF, Internet



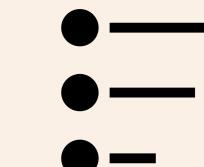
2019



# decksh

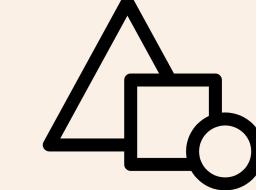
 Structure

 Text

 Lists

 Arrows

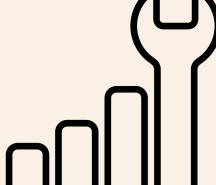
 Images

 Graphics

 Charts

 Loops

 Data

 Utility

# Percent Grid

90

80

70

60

50

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30

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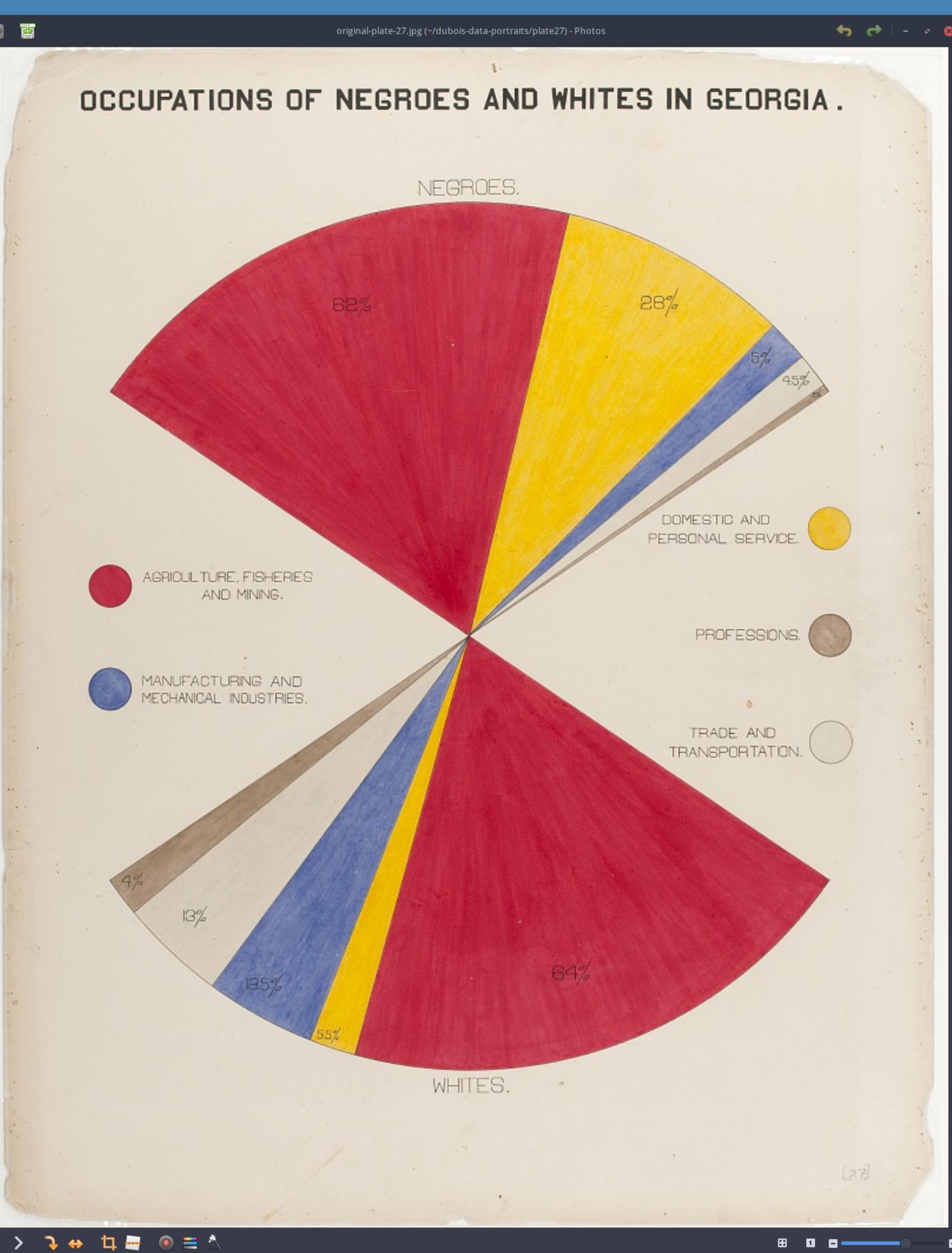
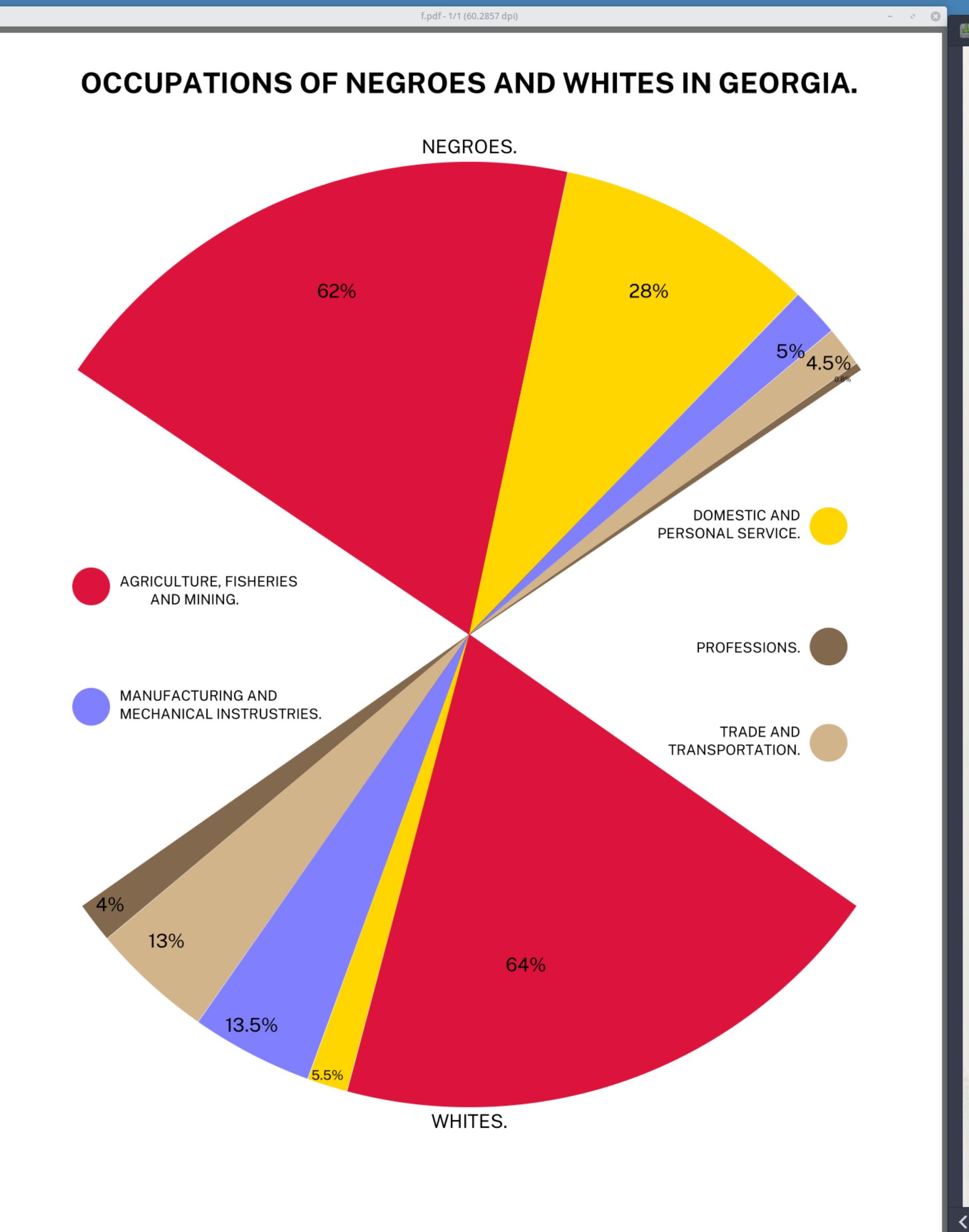
90

# Code

# Output

# Reference

```
occupation.dsh - Visual Studio Code
File Edit Selection View Go Run Terminal Help
deck
slide
    asize=50
    mx=50
    my=50
    subsize=2
    ctext "OCCUPATIONS OF NEGROES AND WHITES IN GEORGIA." 50 95 3 "serif"
    ctext "NEGROES." 50 90 subsize
    ctext "WHITES." 50 9 subsize
// Negroes
arc mx my asize asize 78 146 asize "crimson"
arc mx my asize asize 46 78 asize "gold"
arc mx my asize asize 40 46 asize "blue" 50
arc mx my asize asize 35 40 asize "tan"
arc mx my asize asize 34 35 asize "rgb(101,67,33)" 80
// Whites
arc mx my asize asize 215 220 asize "rgb(101,67,33)" 80
arc mx my asize asize 220 235 asize "tan"
arc mx my asize asize 235 250 asize "blue" 50
arc mx my asize asize 250 255 asize "gold"
arc mx my asize asize 255 325 asize "crimson"
// Legends
cx1=10
cx2=88
cr=4
legsize=1.5
circle cx1 54 cr "crimson"
circle cx1 44 cr "blue" 50
cx1+=3
text "AGRICULTURE, FISHERIES" cx1 54 legsize
text "AND MINING." cx1 52.5 legsize
text "MANUFACTURING AND" cx1 44.5 legsize
text "MECHANICAL INSTRUSTRIES." cx1 43 legsize
circle cx2 59 cr "gold"
circle cx2 49 cr "rgb(101,67,33)" 80
circle cx2 41 cr "tan"
cx2=3
etext " DOMESTIC AND" cx2 59.5 legsize
etext "PERSONAL SERVICE." cx2 58 legsize
etext "PROFESSIONS." cx2 48.5 legsize
etext " TRADE AND" cx2 41.5 legsize
etext "TRANSPORTATION." cx2 40 legsize
ctext "62%" 36 78 subsize
ctext "28%" 69 78 subsize
ctext "5%" 84 73 subsize
ctext "4.5%" 88 72 subsize
ctext "0.8%" 89.5 71 0.75
ctext "64%" 56 22 subsize
ctext "5.5%" 35 13 1.4
ctext "13.5%" 27 17 subsize
ctext "13%" 18 24 subsize
ctext "4%" 12 27 subsize
eslide
edeck
```



# Code Management and Automation

## Directory

```
dubois-data-stories  
  data-portraits.pdf  
  mkdeck-all  
  
plate01  
  f.pdf  
  f1.png  
  original-plate01.jpg  
  georgia-negro.dsh  
  mkdeck  
  mkdeck-png  
  
...  
  
plate02  
  data.csv  
  
...  
  
plate63
```

## Scripting

```
./mkdeck      # make the page  
./mkdeck-png # make image  
./mkdeck-all # make all pages
```

## Source Control

```
git add ...  
git commit -m 'Add plate 23'  
git push origin master
```

# Publishing

Edit Recreating the DuBois Data Portraits

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Name: Recreating the DuBois Data Portraits

Description: The process, tools, and results of recreating the DuBois Data Portraits

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Category: Design

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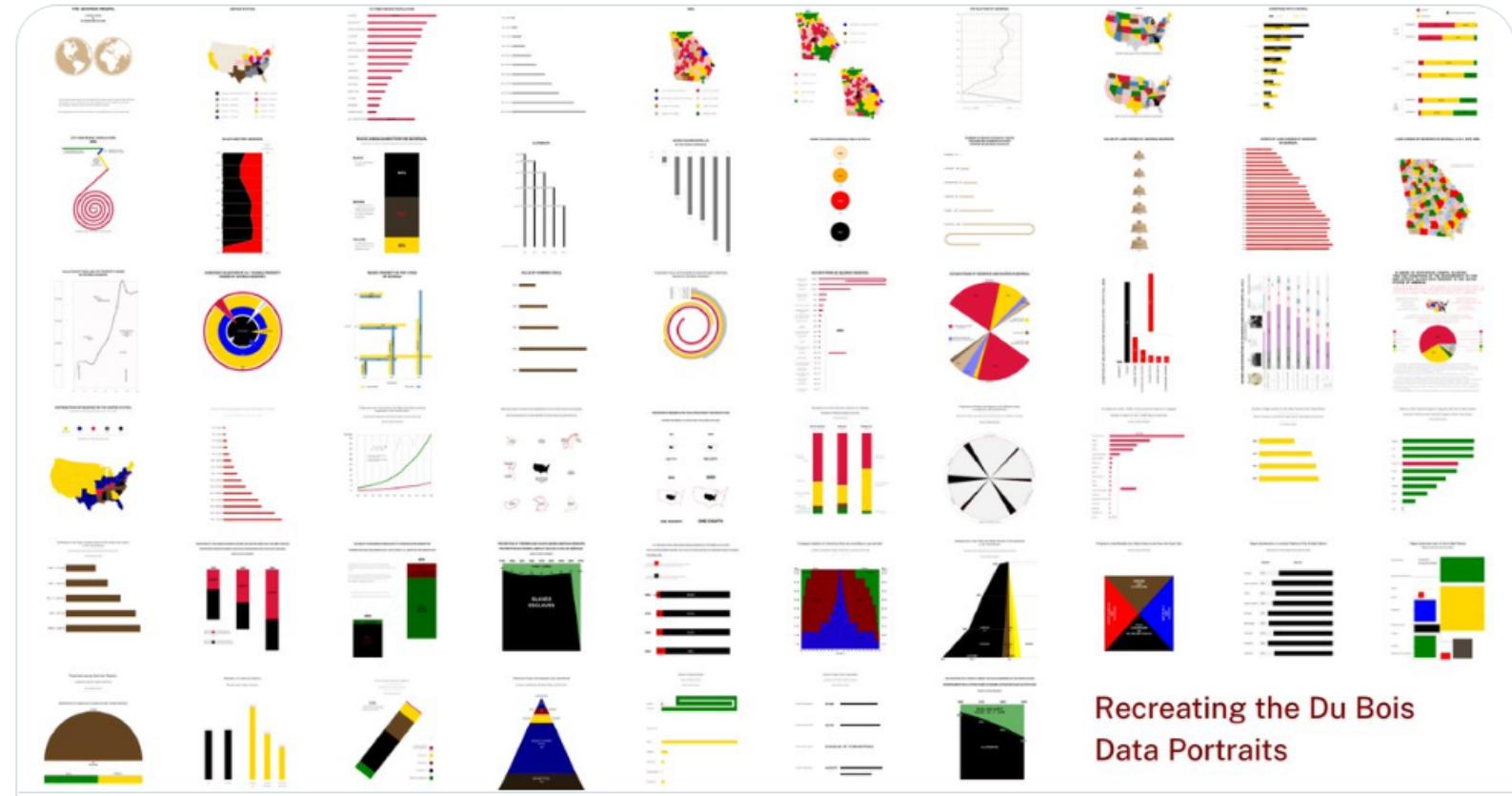
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Anthony Starks  
@ajstarks

I really enjoyed speaking about re-creating the Du Bois data portraits for #BlackinData Here is my deck:



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# Publishing

Anthony Starks on Twitter · [Upload a new deck - Speaker Deck](#)

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Name: Human Freedom (remix)

Description: A re-mix of a visualization from [@gsutters](#) on the Human Freedom Index (original is here): <https://behance.net/gallery/136022015/The-Human-Freedom-Index-2021-meets-das-Bauhaus>

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Here are two variations of a re-mix of a visualization from [@gsutters](#) on the Human Freedom Index (original is here): [behance.net/gallery/136022...](https://behance.net/gallery/136022...)

Human Freedom Index 2021

Human Freedom Index 2021

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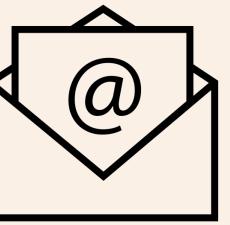
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# Anthony J. Starks

## Art + Code



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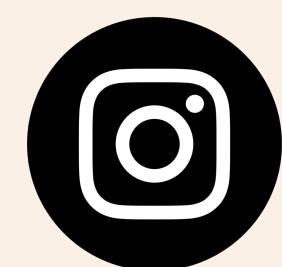
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