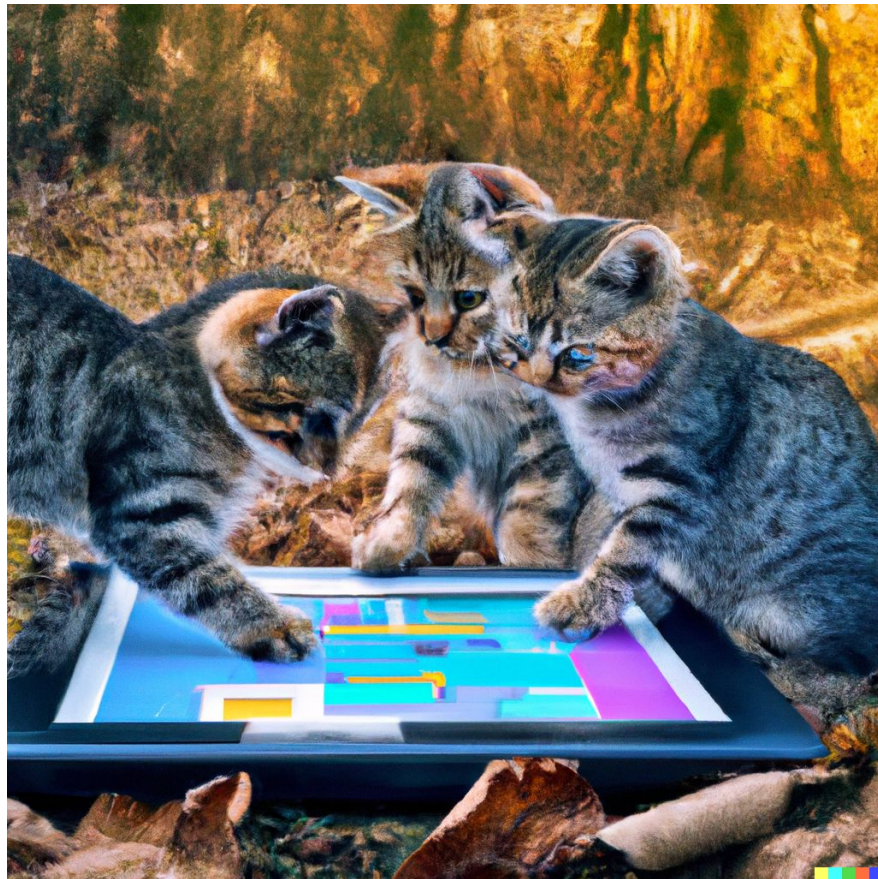


FALL 2023
DSE 12700
VISUAL ANALYTICS

Professor
Madeline Blount
she/her

Week 4
storytelling



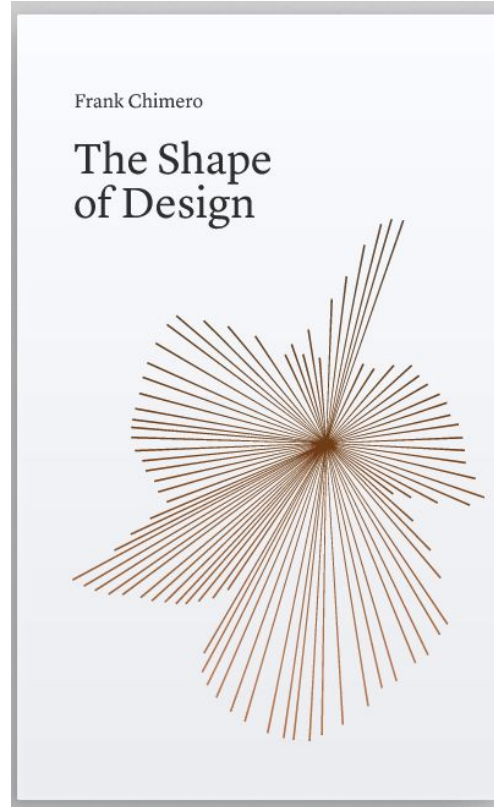
Dall-E2, tabby kittens creating colorful digital charts in a forest, photorealistic style



Frank Chimero

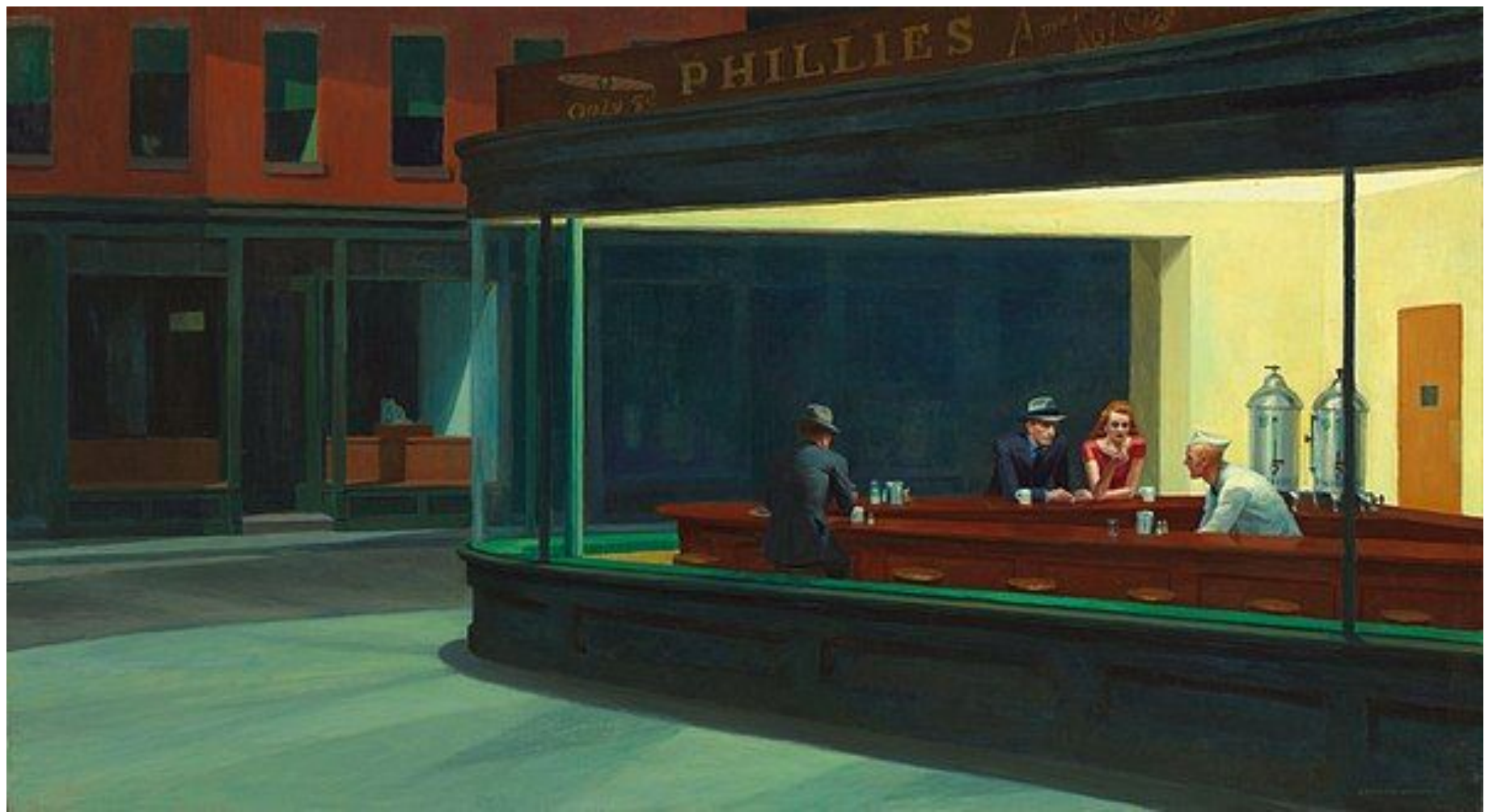
Brooklyn, NY

Currently: fintech (Modern Treasury)



**"Narrative is such a fundamental way of thinking
that there are even theories that say that
stories are how we construct reality for
ourselves."**

-Chimero



Edward Hopper, Nighthawks (1942)

"... if we are looking for ways to use narrative in our work as a design material, all we need to do is **ask where the time** passes to find the story's proper place."

-Chimero

"The story moves, and with each telling, it keeps a hint of the wisp of the last voice that told it, and retains a bit of the luster of the last shared moment it made."

-Chimero



Alberto Cairo

University of Miami
Journalist, designer

New York Times

First journalism MOOC (2012)

The Functional Art

"So, without conscious effort, the brain always tries to close the distance between observed phenomena and knowledge or wisdom that can help us survive. This is what cognition means. The role of an information architect is to anticipate this process and generate order before people's brains try to do it on their own."

-Cairo (17)

Fertility Rate

Average number of children per woman over her lifetime

Showing all countries for which complete data is available

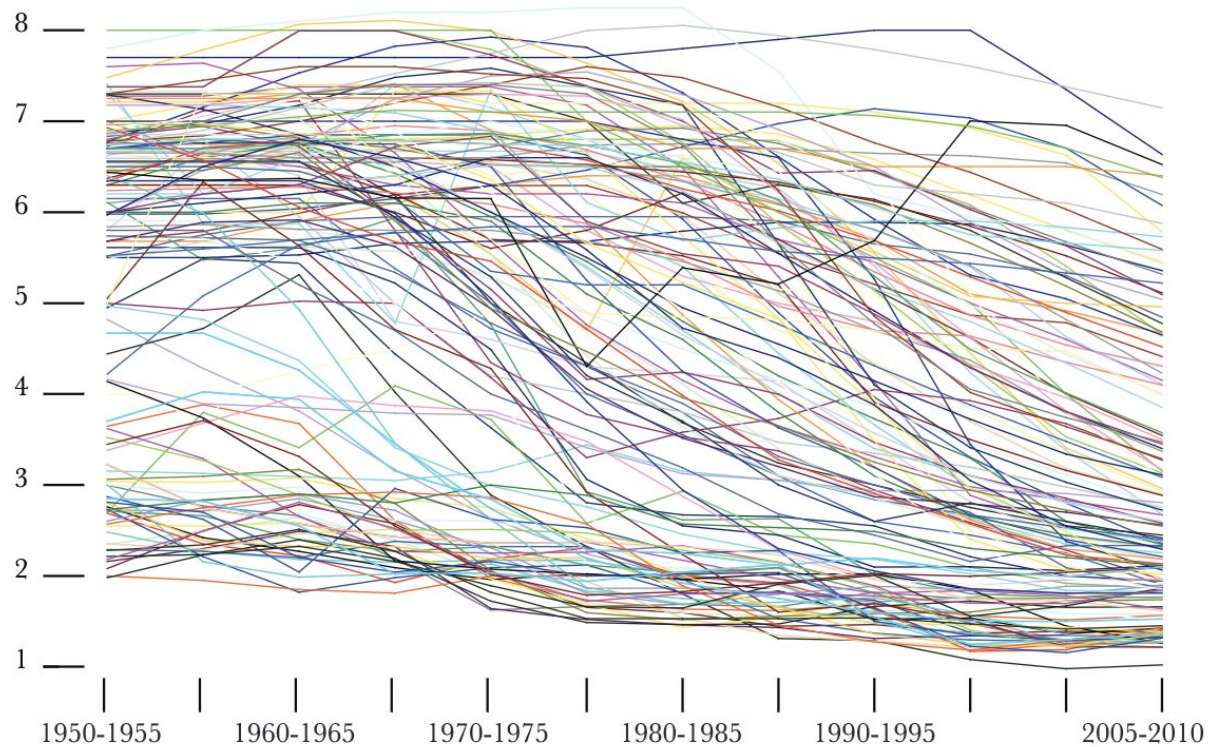


Figure 1.5 Too many lines obscure the message.



Whitney Battle-Baptiste

U. Mass. Amherst

Anthropologist, Archaeologist



Britt Rusert

U. Mass. Amherst

African-American Studies



W. E. B. Du Bois, 1868-1963

Sociologist, historian, writer, activist

First Black PhD from Harvard

***invented** fieldwork-based sociology,
Philadelphia

... "also a pioneer of data visualization"
(45)

Plates from 1900 Paris Exposition,
available in Library of Congress, but first
published as a book in 2018 (!)

By hand: "working in ink, gouache
watercolor, graphite, sprinklings of
photographic prints" (45)

"Information design as a rhetorical device"
(46)



W. E. B. Du Bois, 1868-1963

Sociologist, historian, writer, activist

First Black PhD from Harvard

Predates work generally known for modernism:
before Italian futurism, before Bauhaus -
belongs in Tufte

His visualizations = **visual argument**,
“**historically constituted racial
inequalities**” were responsible for a
“**legacy of racial castes**” in America

“**Persuasive narrative through visual data
over time**” - “**progressive disclosure**”

Decolonizing data - audience

The #DuBois Challenge

Anthony Starks • February 1, 2022



#TidyTuesday 2021 W25

#DuBoisChallenge revisited.
W.E.B. Du Bois' work educates and inspires. I put a modern twist on this one but tried to stay true to the originals.

#dataviz #RStats

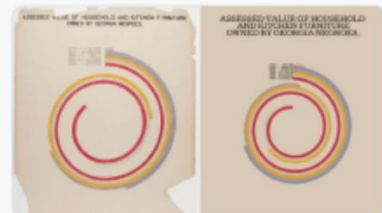


Recreation of a WEB Du Bois of from #DuBoisChallenge. Cur likes, retweets and quotes.

#TidyTuesday #RStats #dataviz
R code: bit.ly/3g1Dzt



I decided to recreate challenge 07 using only coord_polar. It is not a perfect recreation, but I am happy with it (mostly because I didn't have to use my very rusty trigonometry knowledge).



16 81 100

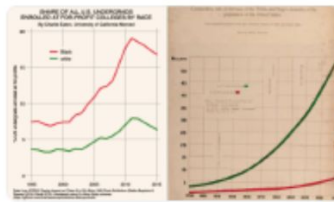


had lots of fun learning more about W.E.B DuBois and attempting to recreate one of his figures for the #DuBoisChallenge and #TidyTuesday this week!

github.com/marisalyn/tidy...



I'm thrilled that any @Stata user can now add the Du Bois graphing scheme to their machine using the *ssc install dubois* command. After installing, check *help dubois* for tips to use the scheme for the #DuBoisChallenge or modern replications like this one!



Kaustav Sen

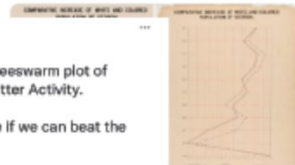
'Tuesday Week 25: A beeswarm plot of loisChallenge 2021 Twitter Activity.

It'd be interesting to see if we can beat the me's peak!

tats



So much cool stuff coming out of the #DuBoisChallenge, including this Stata scheme. I tried to make something similar for #rstats users. Check it out at github.com/vladmedeiros/t...



ay week on his City and Rural

rotas2real

are out how to do the

spiral and the polygons, then to chose typography and place the text. + #Rstats



https://public.tableau.com/app/profile/chimdi.nwosu/viz/W_E_B_DuboisPortraitGallery/MainGallery

Chimdi Nwosu, Tableau data scientist



Chimdi Nwosu ✓

Data Visualization, Tableau, Design

Chimdi is a data visualization manager and Tableau Public Ambassador that believes in leveraging data and design to create beautiful and impactful visualizations. As an avid explorer, he's keen on experimenting with different tools while exploring various topics to discover and share insights from the world around us.



<https://github.com/IcaroBernardes/webdubois>

Icaro Bernardes, Brazilian data

