A little bit about me….

#TeamHuman
Community Rooted AI Research
Timnit Gebru

The Distributed AI Research Institute is a space for independent, community-rooted AI research, free from Big Tech's pervasive influence.

Timnit Gebru (she/her)
Founder and Executive Director

Alex Hanna
Director of Research

Dylan Bake
Research Engineer

Krystal Kauffman
Part time research fellow

Nathan Kim
Intern

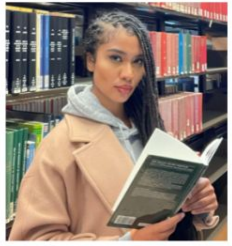
Safiya Noble
Advisory Committee Member

Asmelash Teka Hadgu
Research Fellow

Nyalleng Moorosi
Senior researcher

Meron Estifanos
Research Fellow

Adio-Adet Dinika
Intern



Emily Ramirez
Intern

Ciira wa Maina
Advisory Committee Member

Raesetja Sefala
Part time research fellow

Adrienne Williams
Research Fellow

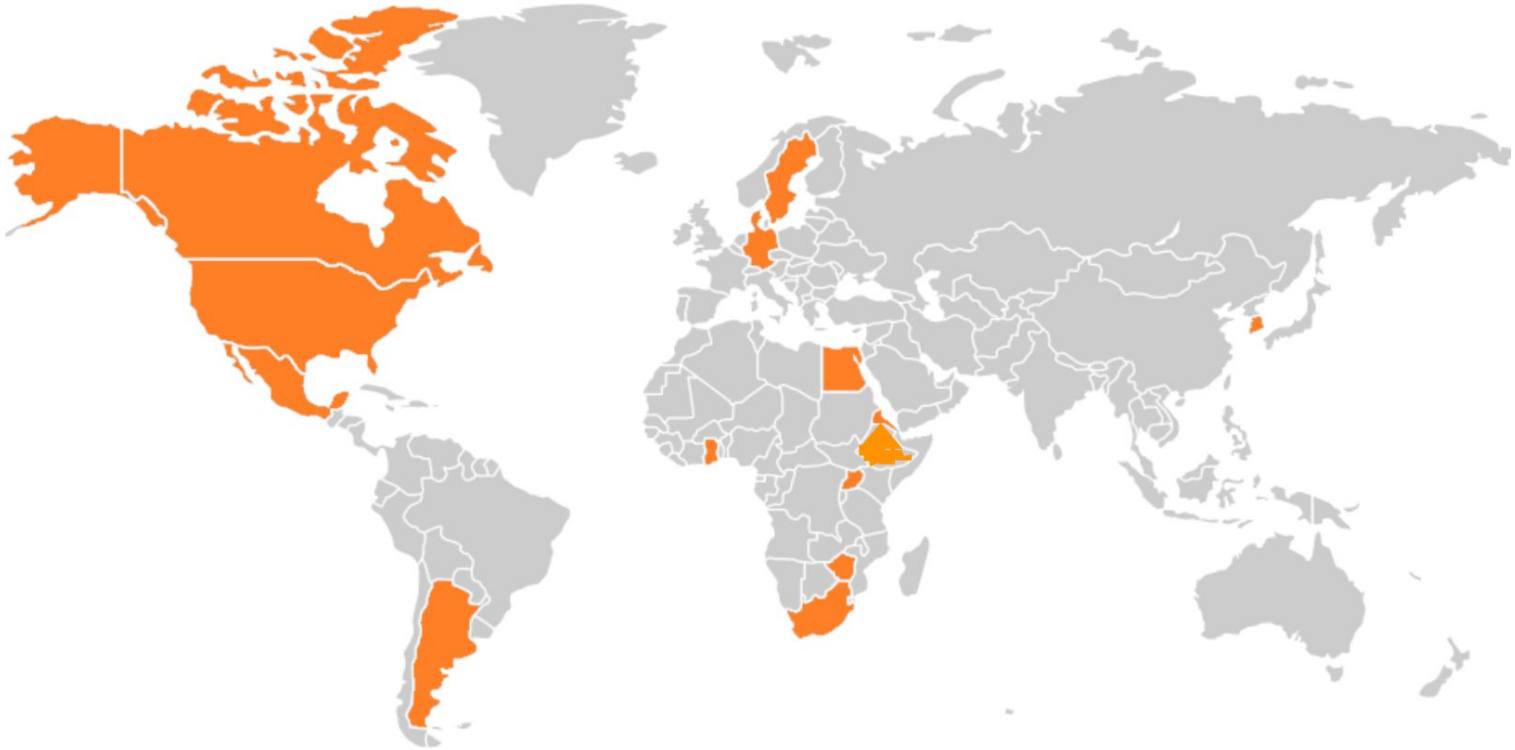
Milagros Miceli (she/her)
Part Time Researcher

Nuredin Ali
Intern

Ash Rosas
Intern

Canada
Germany
Kenya
Lesotho
Uganda
USA

DAIR



Lived experiences from 14 countries

How satellite images and AI could help fight spatial apartheid in South Africa

Townships get little by way of public resources compared with rich suburbs. By mapping the problem, researchers like Raesetje Sefala hope to reverse it.

By Abdullahi Tsanni

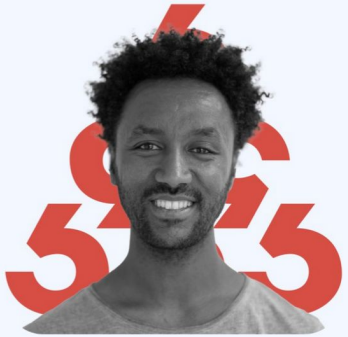
January 19, 2024

https://www.dair-institute.org/spatial-apartheid-mapping/

The AI startup outperforming Google Translate in Ethiopian languages

"Chatbots like ChatGPT are utterly broken or useless for these languages."

11 JULY 2023 TRANSLATE



Asmelash Teka Hadgu is the co-founder and chief technology officer of Lesan, a Berlin-based startup developing machine translation products for Ethiopian languages. Founded in 2019, Lesan has launched translation tools for Amharic and Tigrinya, which it says outperform Google Translate in terms of quality. The startup's use of offline print resources to create a new benchmark data set for languages from the Horn of Africa has been key to its success.

This interview has been edited for length and clarity.

Lesan

Services About Login

Translate from Detect Language

Translate to Tigrinya

Type or paste text here.

Data Workers’ Inquiry
https://data-workers.org/

https://x.com/MilagrosMiceli/status/1806468041879835006

What Really Happened When Google Ousted Timnit Gebru

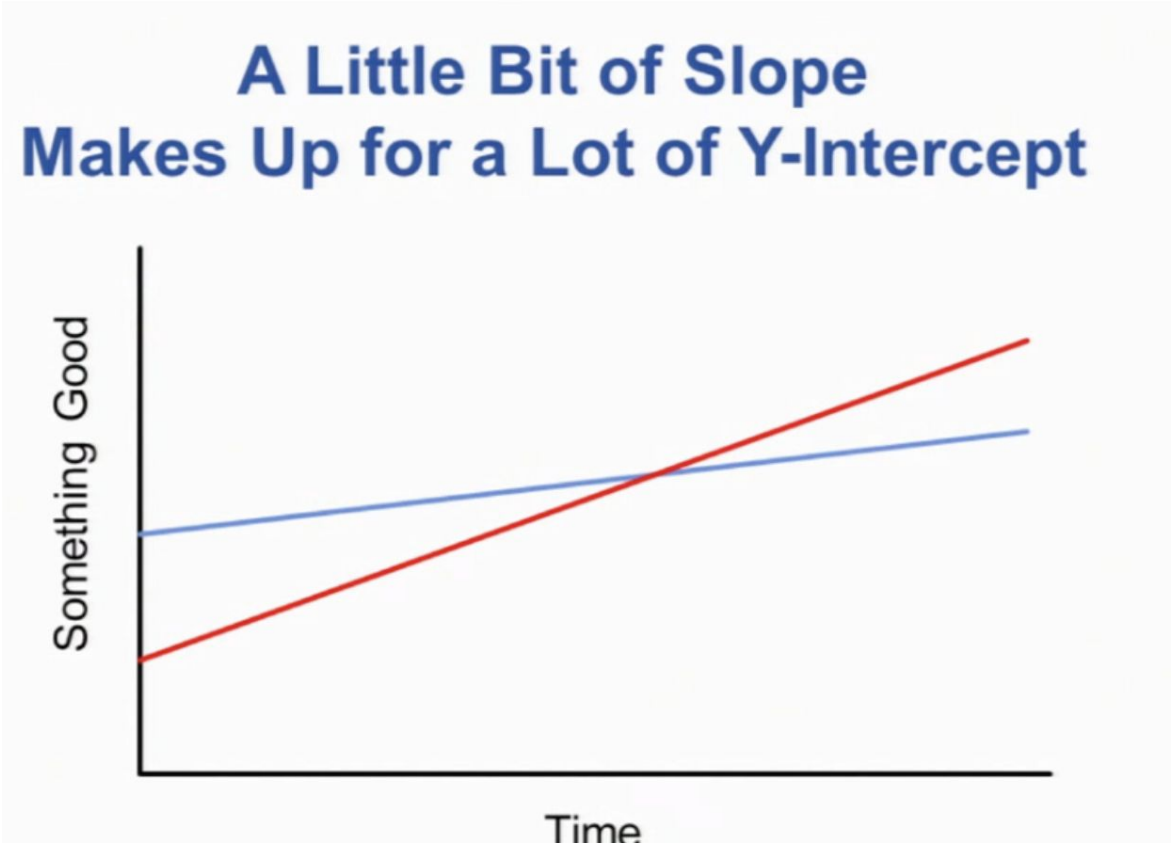
She was a star engineer who warned that messy AI can spread racism. Google brought her in. Then it forced her out. Can Big Tech take criticism from within?

If you want to create technology that works for your community, you need to start with this class.

How many of you have done some type of computer science class or personal project?

"A little bit of slope makes up for a lot of y-intercept"

01/13/2012. From a lecture by Professor John Ousterhout at Stanford, class CS140



https://www.facebook.com/HowFarmsWork/videos/heres-a-tomato-sorting-machine-in-slow-motion/247228486178646/

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3279742/

Quantitative analysis of culture using millions of digitized books

Jean-Baptiste Michel,[1,2,3,4,*†] Yuan Kui Shen,[5] Aviva P. Aiden,[6] Adrian Veres,[7] Matthew K. Gray,[8] The Google Books Team,[8] Joseph P. Pickett,[9] Dale Hoiberg,[10] Dan Clancy,[8] Peter Norvig,[8] Jon Orwant,[8] Steven Pinker,[4] Martin A. Nowak,[1,11,12] and Erez Lieberman Aiden[1,12,13,14,15,16,*†]

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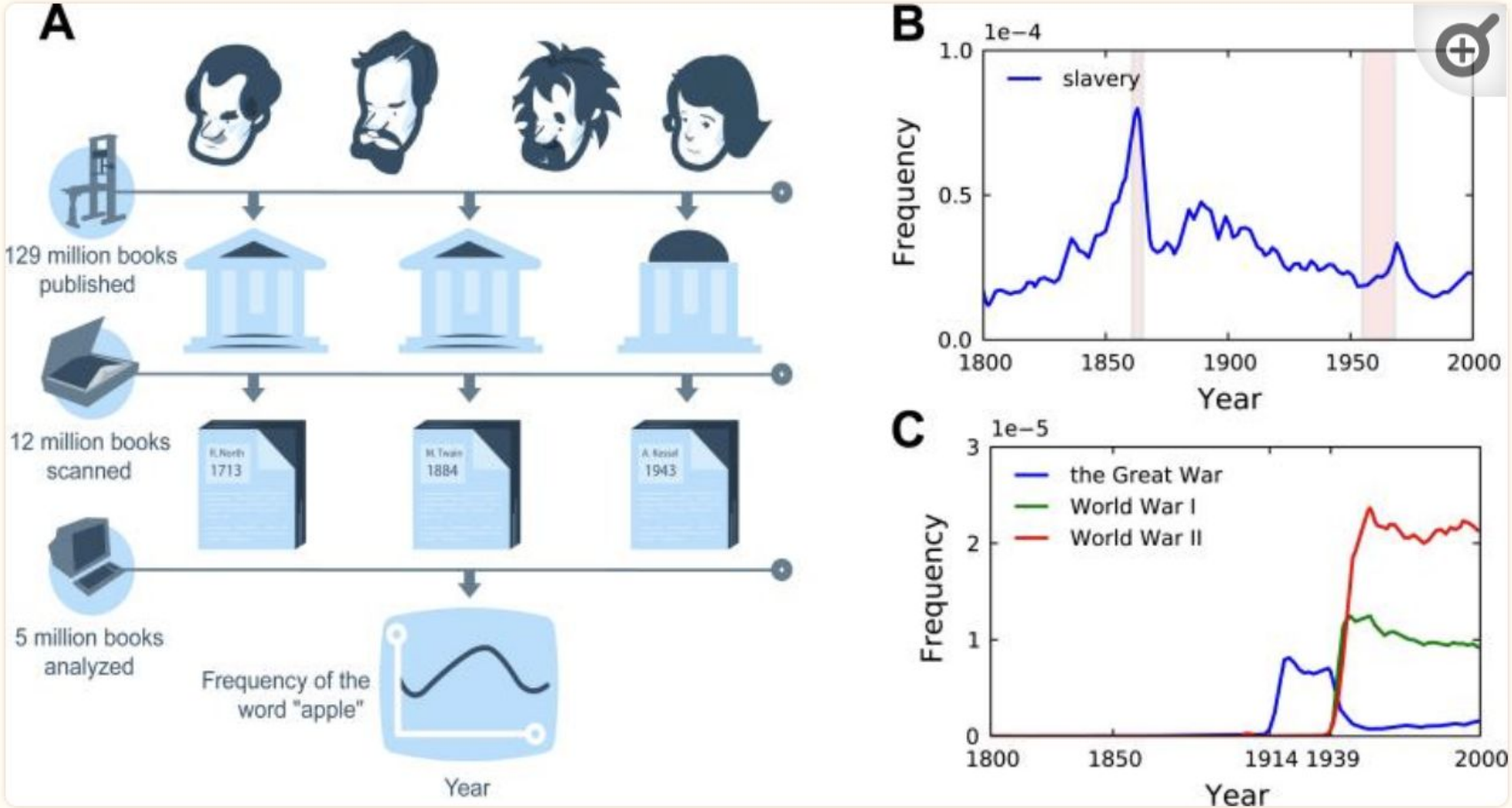
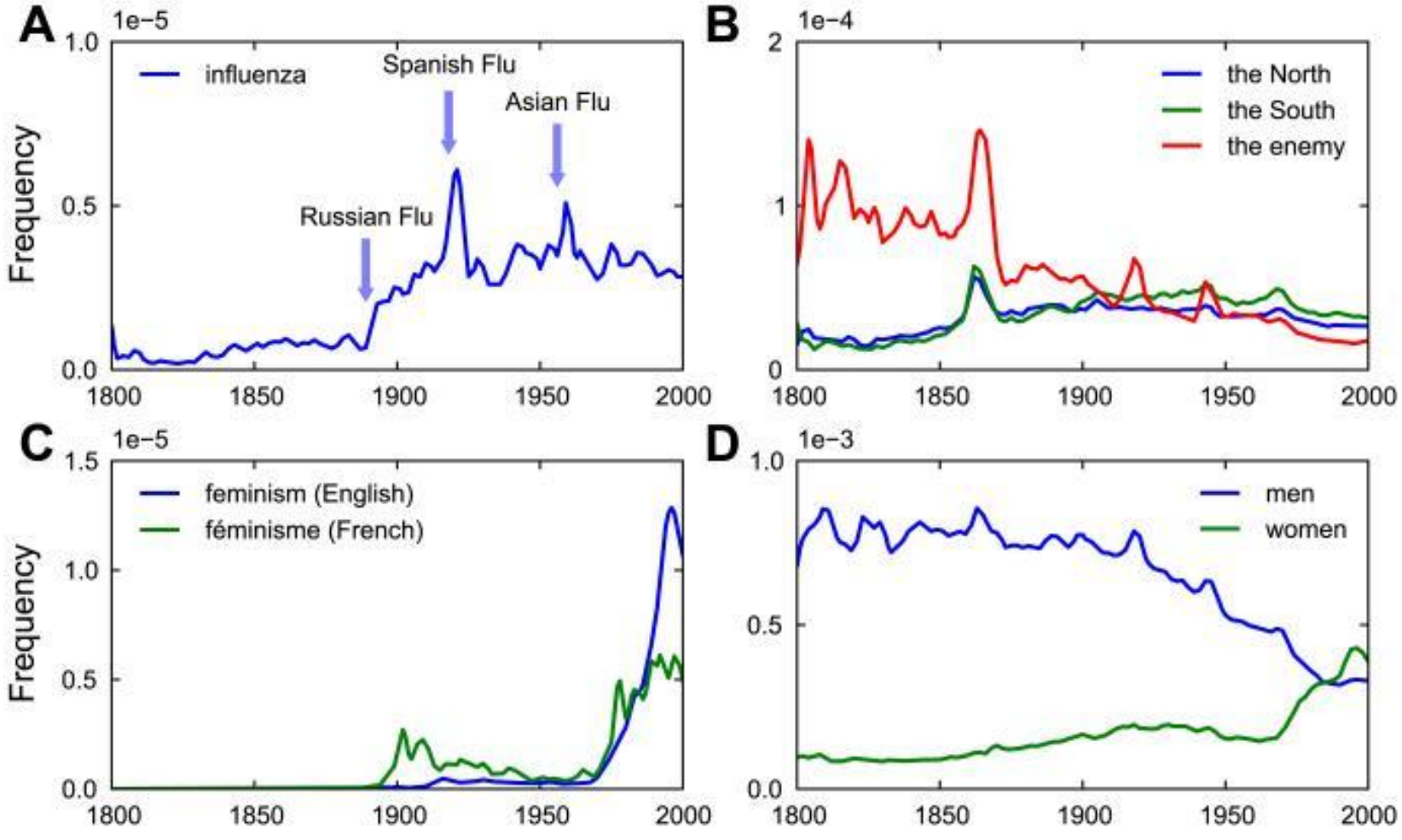
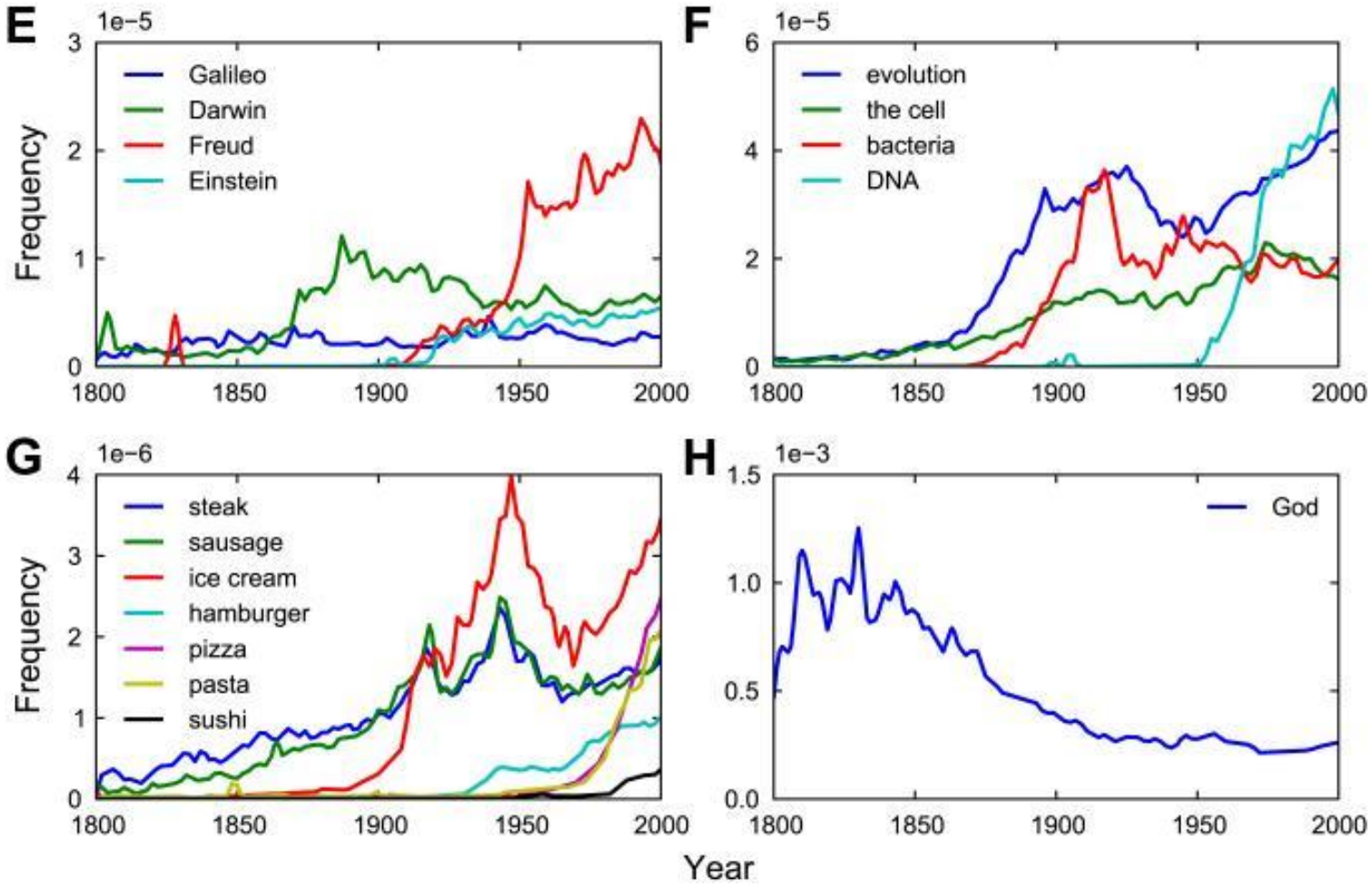

A
129 million books published
12 million books scanned
1713
1884
1943
5 million books analyzed
Frequency of the word "apple"
Year
B
1e−4
1.0
0.5
0.0
slavery
Frequency
1800
1850
1900
1950
2000
Year
C
1e−5
3
2
1
0
the Great War
World War I
World War II
Frequency
1800
1850
1914 1939
2000
Year


A
1e−5
1.0
0.5
0.0
Frequency
influenza
Spanish Flu
Asian Flu
Russian Flu
1800
1850
1900
1950
2000
B
1e−4
2
1
0
the North
the South
the enemy
C
1e−5
1.5
1.0
0.5
feminism (English)
féminisme (French)
D
1e−3
men
women


E
1e−5
Frequency
Galileo
Darwin
Freud
Einstein
F
1e−5
evolution
the cell
bacteria
DNA
G
1e−6
Frequency
steak
sausage
ice cream
hamburger
pizza
pasta
sushi
H
1e−3
God
1800
1850
1900
1950
2000
Year

By the end of this week, for sure by the end of the course, you should be able to write the logic to make the tomato sorter work and do the book analysis.