

# Class 1 – Review: data description visualization

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# Overview

- Introductions
- Review of concepts
- Concluding remarks & next week

# Introductions (1/2)

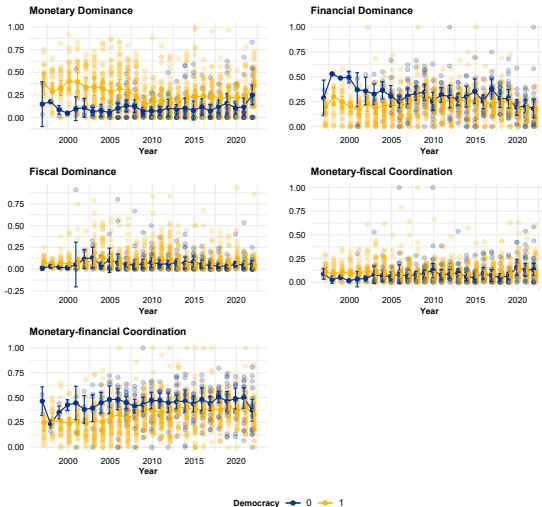
- Pair up with the person next to you and take 5 minutes to discuss the following:
  - Name
  - Nationality/nationalities
  - Interests
  - Expectations of the course
- Now you introduce each other to the group!
- I'll also introduce myself



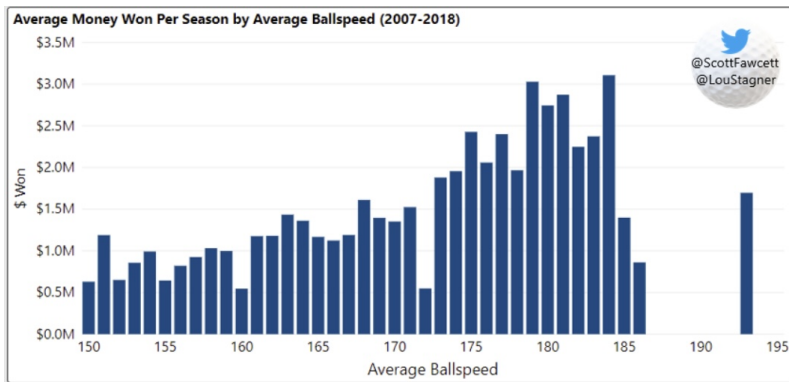
## Introductions (2/2)

- With the same person take 5 minutes to discuss the following:
  - What for graph is it?
  - How do you interpret it?
  - Why did you choose this graph?
- Now share with the group!

# Graph examples

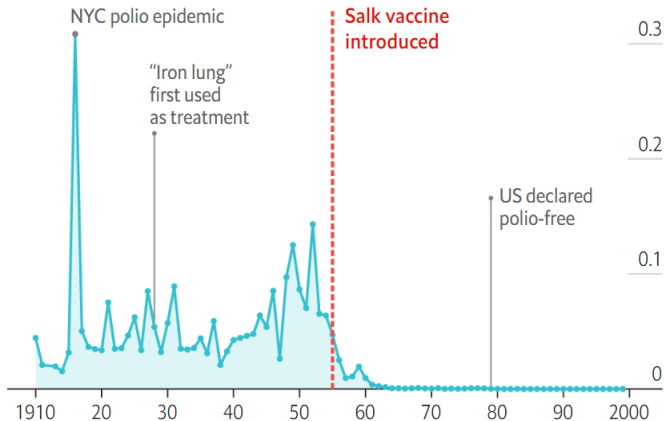


# Your examples

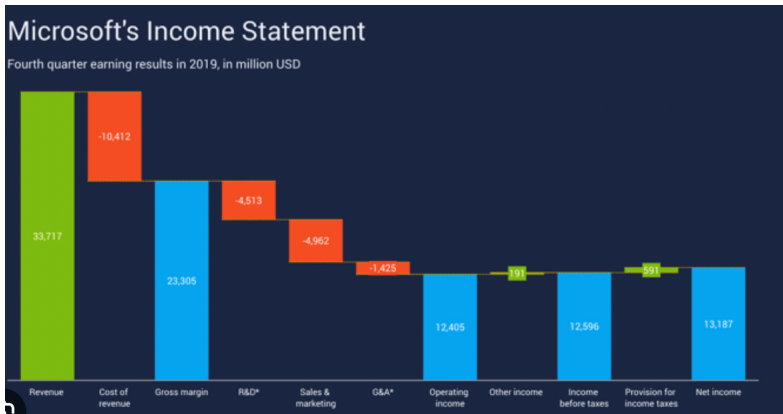


# Your examples

Polio, United States, % of all deaths

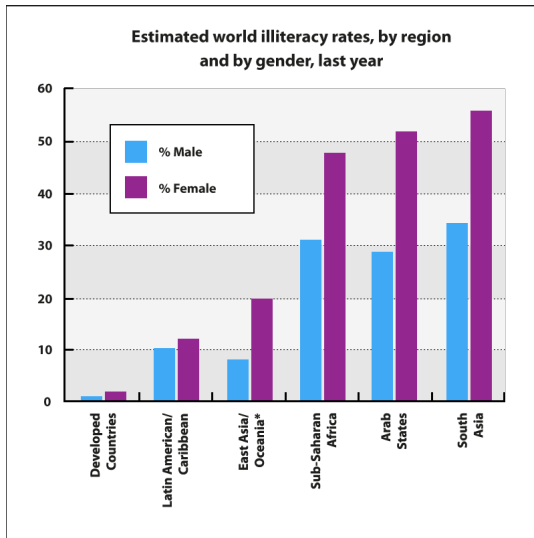


# Your examples

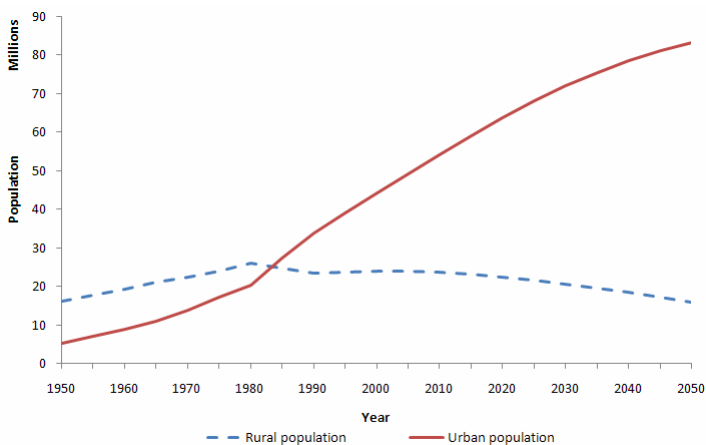




## Your examples



## Your examples



## Your examples

When asked about the important issues facing the UK today, the **most reported issues** continued to be:

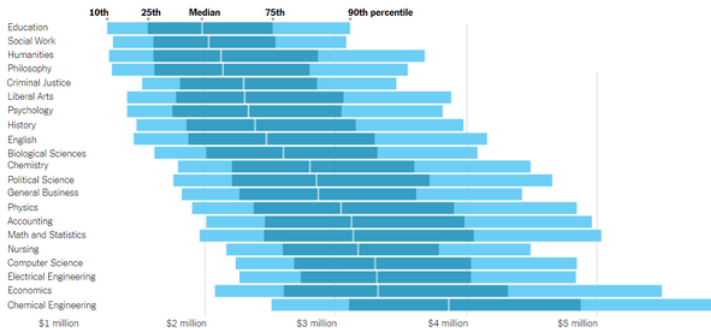


Publication: Public opinions and social trends, Great Britain:  
13 December 2023 to 1 January 2024

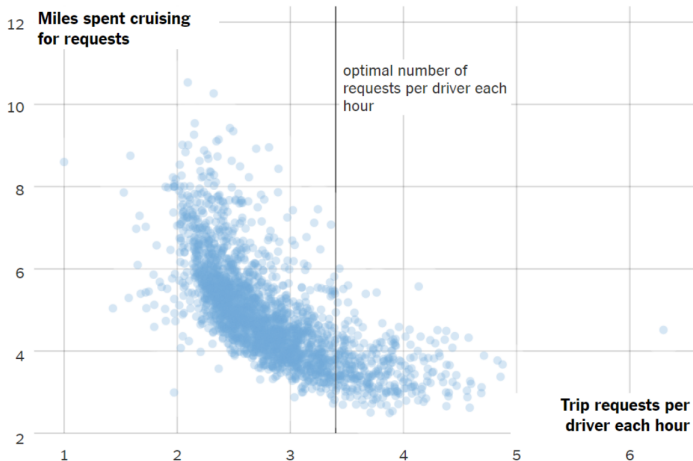
 Office for National Statistics

# Your examples

Projected career earnings for college graduates in ...



## Your examples



Miles traveled without a passenger does not include driver commutes before or after a shift. By The New York Times | Source: Alejandro Henao and colleagues analyzing data from RideAustin

## Some review

- Pie charts, line graphs, bar graphs, frequency polygons, relative frequency graphs, histograms, stem-and-leaf plots, scatter plot
- Sample vs population
- Random sample, stratified random sample

# Concluding remarks

- Any further questions?
  - Email me with questions ([laurencaroline.leek@eui.eu](mailto:laurencaroline.leek@eui.eu))
  - Or book an office hour slot (For now: online on Friday afternoons 15-17h, email me for a slot)
- Make sure to install Stata (!!)