



WHAT IS DATA VISUALISATION?

Dr Alexandra Anderson



A step-change in
quantitative social
science skills
Funded by the
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SO WHAT IS DATA VISUALISATION?

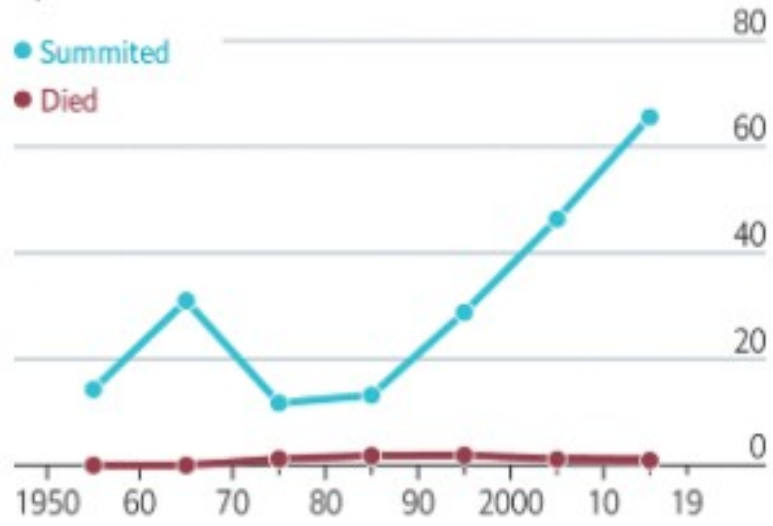
Data Visualisation is how we represent information (data) in a visual context.

Getting better all the time

Mount Everest, first-time summit attempts

Summit and death rates, %

By decade

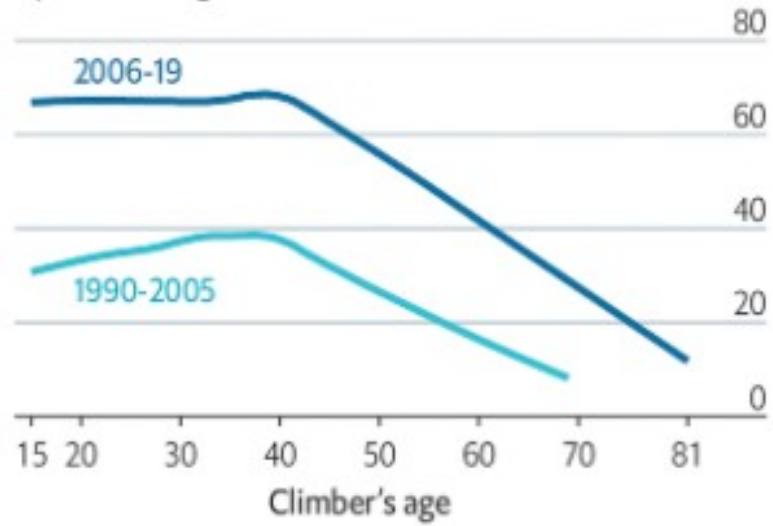


Source: "Mountaineers on Mount Everest: effects of age, sex, experience, and crowding on rates of success and death" by Huey et al., PLoS ONE 2020

The Economist

Successful summits, %

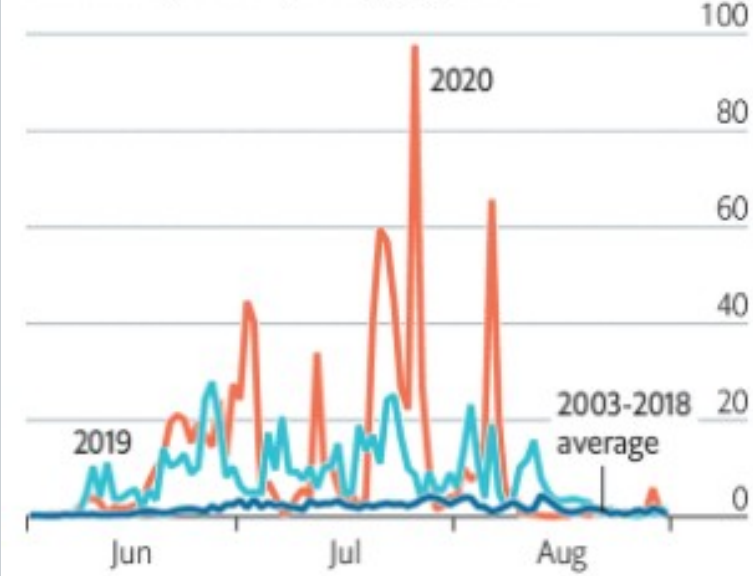
By climber's age



Northern lights

Arctic Circle wildfires

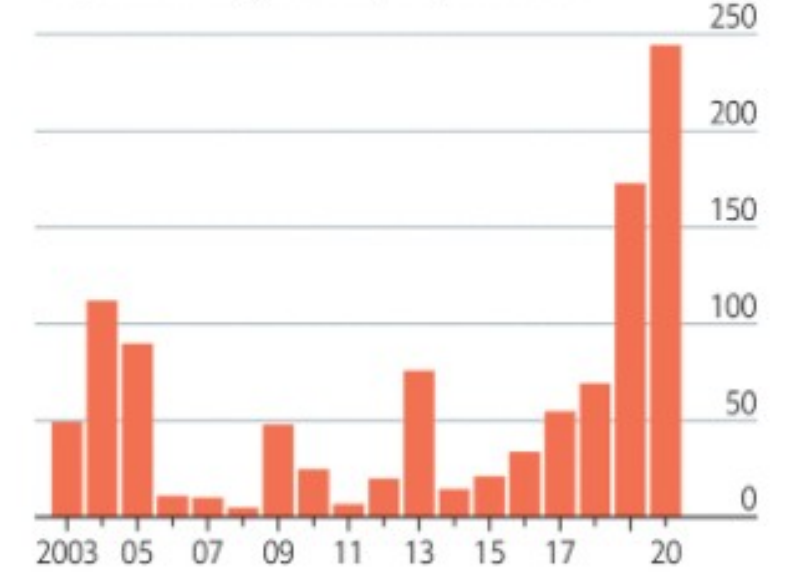
Radiative power* per day, gigawatts



Source: Mark Parrington, ECMWF Copernicus Atmosphere Monitoring Service

The Economist

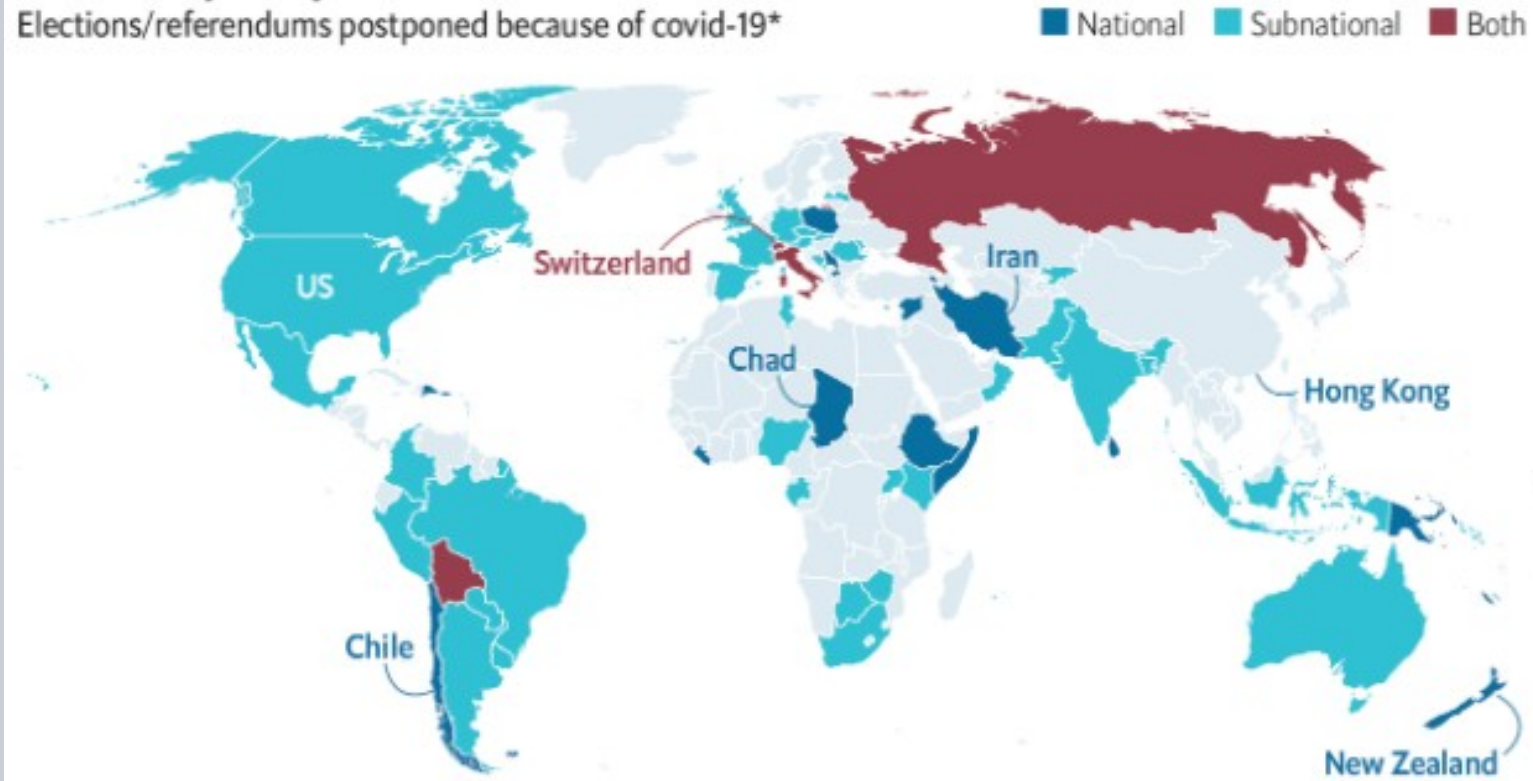
CO₂ emissions, June-August, tonnes m



*The amount of radiant heat energy released from a fire

Democracy delayed

Elections/referendums postponed because of covid-19*



Sources: IDEA; press reports
The Economist

*Somalia attributes delay to security concerns;
Bosnia attributes delay to budgetary issues

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Figure 1.1
A Definition for
Data Visualisation



Why is Data Visualisation important?



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