

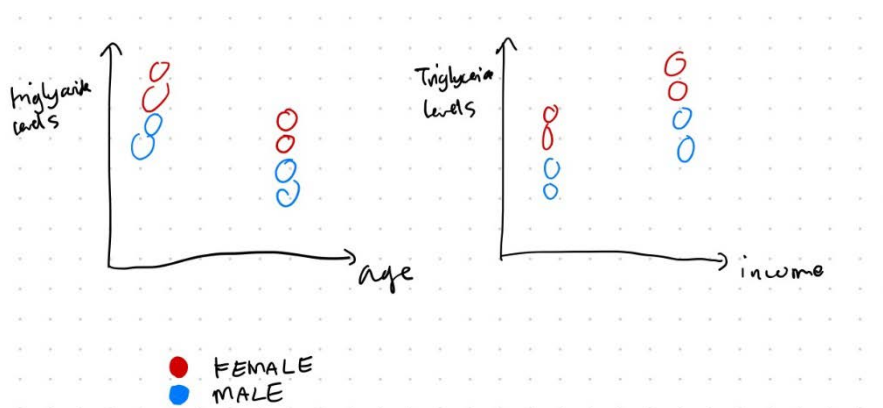
3)

Type of cheese	Categorical
Eye colour	Categorical
Class mark	Ordinal (A, B, C) or Quantitative (91, 73, etc.)
Tire pressure	Quantitative
ISBN number	Categorical
Unemployment rate	Quantitative
Starbucks drink sizes	Ordinal
Date an email newsletter was sent	Quantitative
Season-episode IDs of 'The Crown'	Categorical
Rankings of the top 10 movies on Netflix in UK	Quantitative
Fish species in Scottish Sea	Categorical
Weight classes of boxers	Ordinal
Model of an airplane	Categorical
Wingspan of bird	Quantitative
100-metre race times	Quantitative
Personality of your cat	Categorical (shy, playful, sleepy) or Ordinal (naughty, neutral, nice)

4)

Does income effect triglyceride levels? => compare trends

How much does age effect triglyceride levels? => discover distribution



5)

1. The dataset can be seen as tabular, spatial, or networks.

The tabular view is immediate.

One can see it as spatial because we have information about the donor and recipient country, so we can draw this on the map. One can augment this map with a network, with there being a directed edge between one country to another to represent a donation.

#fields = 7

#data = 499

2. aiddata_id => categorical
year => quantitative
donor => categorical
recipient => categorical
commitment_amount_usd_constant => quantitative
coalesced_purpose_code => categorical
coalesced_purpose_name => categorical

#aiddata_id = 499

#donor = 25

#recipient = 129

#purpose_code = 127

#purpose_name = 135

max(year) = 2010

min(year) = 1991

max(amount) = 993865

min(amount) = 0.152847

3. A minimum amount of 0.152847 in usd is very low in terms of donations. This datapoint might be an outlier. We might need to filter out data points with amounts less than \$10. Another thing might be that the number of purpose_code and purpose_name is different, so there may either be slight typos in the purpose_name, or duplicate purpose_codes.

Q1) Which countries has donated the most amount of money?

Q2) How does total donation amount trend across the years?

- Q1 doesn't necessarily have to use a chart, but it will be useful to see how the countries compare in terms of donation amount. Perhaps a question that must have a chart is "How do the countries compare in terms of donation amount?". Q2 would need a chart, because at a glance we cannot know whether the total donation amount is increasing or decreasing just by seeing the table.
- Discover trends/correlation (Q1)
Compare distribution (Q2)
- donor, commitment_amount_usd_constant (Q1)
year, commitment_amount_usd_constant (Q2)
- Assuming we don't have any holes in the data, yes (up to 2010)
- Yes, for both Q1 and Q2, we need to sum the donation amounts of each country and year respectively.