Fundamentals of Data Science

Data Visualisation

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Types of visualisation

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Types of visualisation

Exploratory	Explanatory
‘Explore’ your data	‘Explain’ your findings
Provide a way to examine your data from different viewpoints or with different filters.	You’ve found the interesting points in the data, now you want to explain or communicate them to others
Generally allows the reader to drive the experience: Let them gain a sense of what the data is about and what it is saying, so that you/they can find the interesting points.	Generally ‘author-driven’: your main focus is on telling the story that you’ve found, so you want to present it as clearly as possible.

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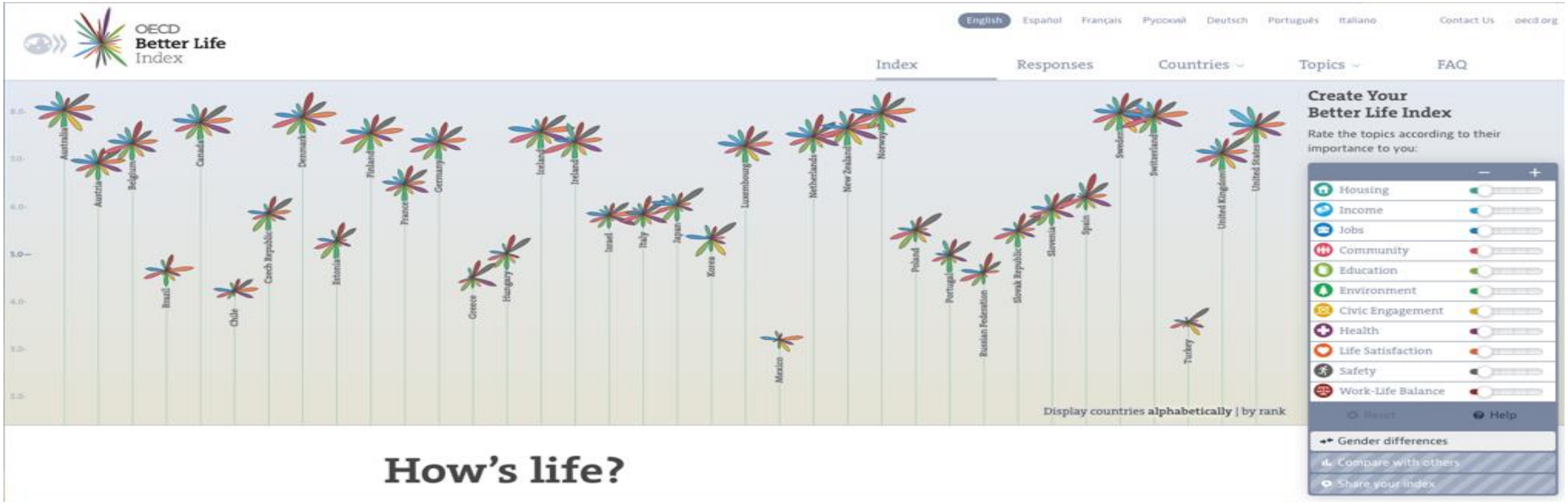
Exploratory visualisation



Visualisations such as these allow you to change the filters to 'explore' the data from an angle that is interesting to you

http://www.oecdbetterlifeindex.org/

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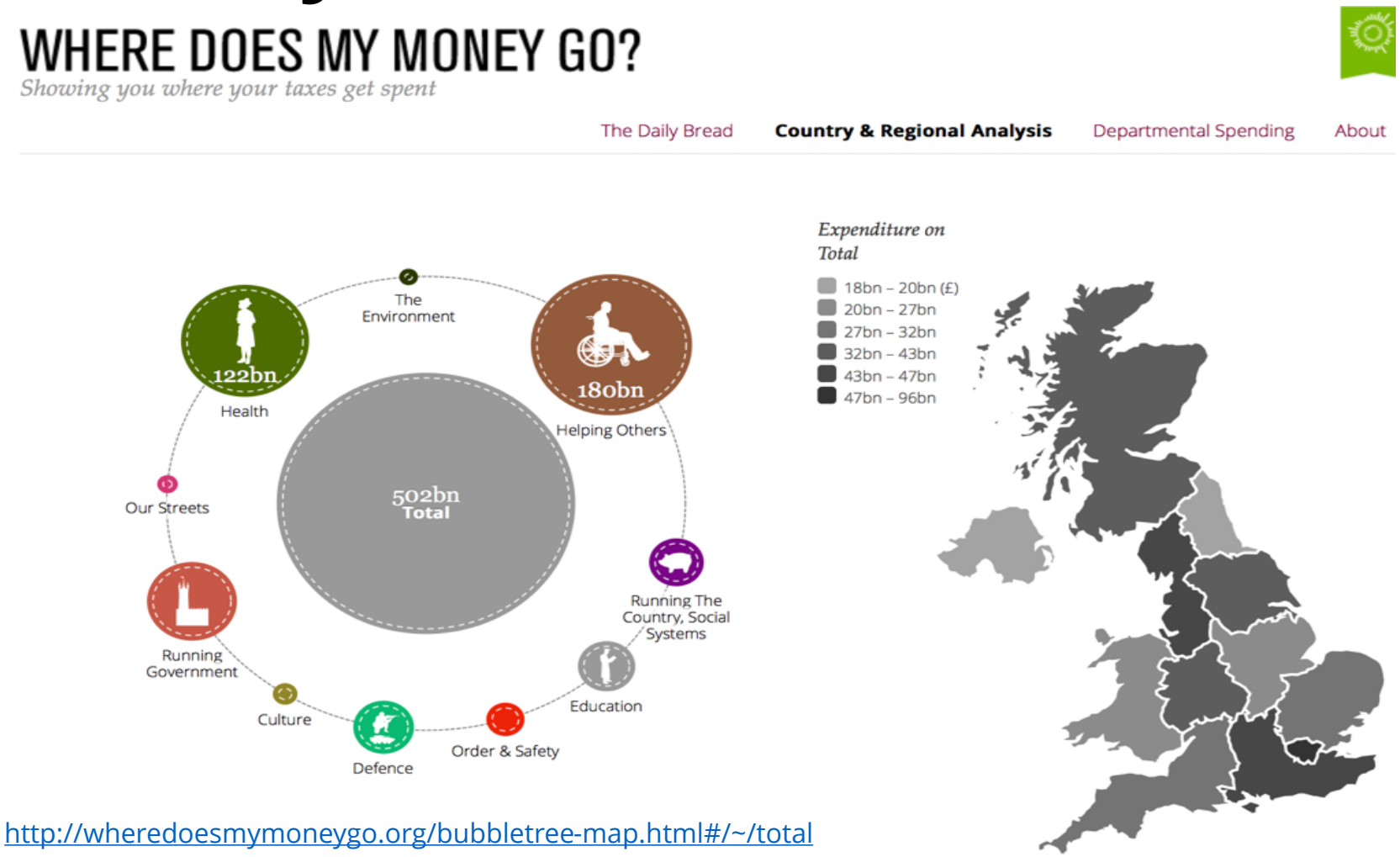
Explanatory visualisation



http://wheredoesmymoneygo.org/bubbletree-map.html#/~/total

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