

VU VISUALISIERUNG

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1. Example for good Visualization

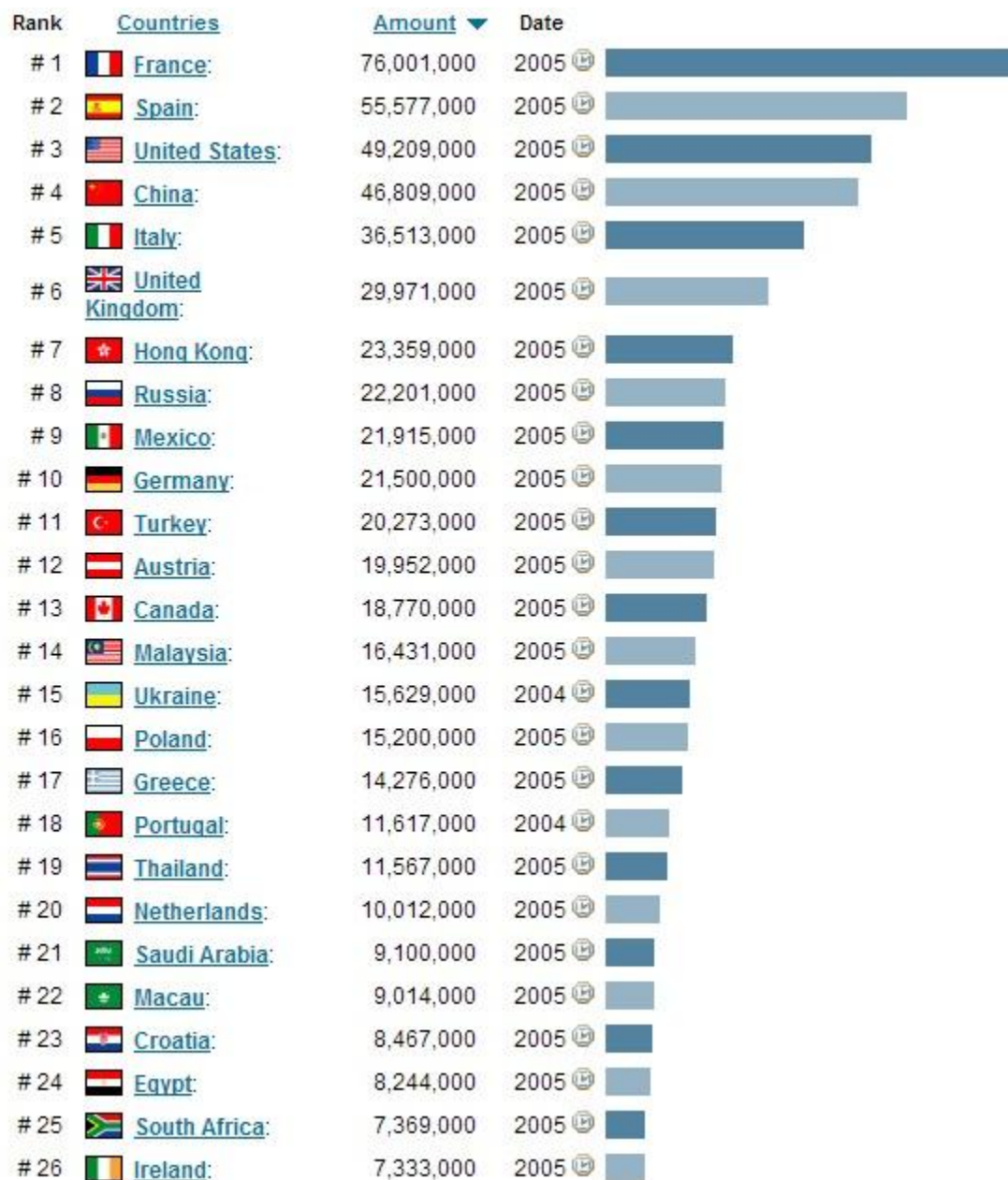


Figure 1: Economy Statistic from the countries

In Figure 1 we can see the ranking list of economy statistic in the category of "International tourism, number of arrivals" from the countries all over the world. In the first column we are seeing the name of the countries. France has a first place. Because more tourists came to France than the other countries. In the second column we can see the amount of tourists, who came to countries. In third column we are seeing the date also year and in fourth column graphical view of the results.

To evaluate the graph we can say, that colors and font are not arbitrary. Country flags are good idea and all the parts of graph are easy to understand and give the audience a basic understanding. The countries are sorted according to amount. It is better because of better view. If they were sorted according to country names, the graph would look like worse. The graph encourages eyes to compare data. Because it focuses only reasonably clear goal and not too much on the design aspect. According to me one of the advantage of this graph is, that it doesn't have any chart junk to avoid. And the alignment is of course good realized.

2. Example for bad Visualization

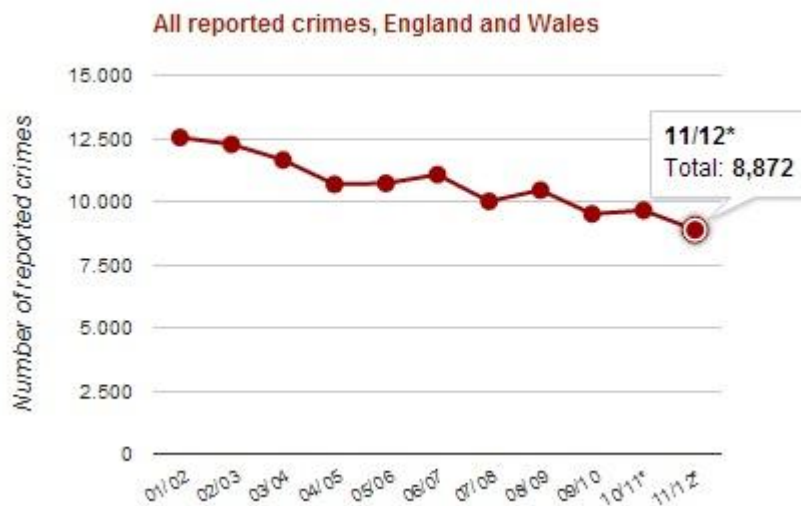


Figure 2: Crime Statistics of UK

In Figure2 we can see the crime statistic of United Kingdom and Wales. In below line they are dates and months. In the left line we are seeing the number of reported crimes. If you click the point, you can see some details. From the begin until the end the number of reported crimes decreases

One of disadvantage of Figure 2 that the details are not informative. The only way to understand "Crime Statistic" is that you must read the text, because the figure doesn't show anything to understand. Therefore it is difficult to interpret it. Like above mentioned the graph shows the crime statistic of UK but it could be better to show the cities too. Nobody can know, which crime category is used. The font is too small. It might be more interesting, if the creator emphasized, what he wants to bring out

REFERENCES

- [1] <http://www.guardian.co.uk/news/datablog/2011/jul/14/crime-statistics-england-wales>
- [2] http://www.nationmaster.com/graph/eco_gdp_ppp-economy-gdp-ppp