

Assignment 3 – Data Visualisation – Joseph Brown – 19334845

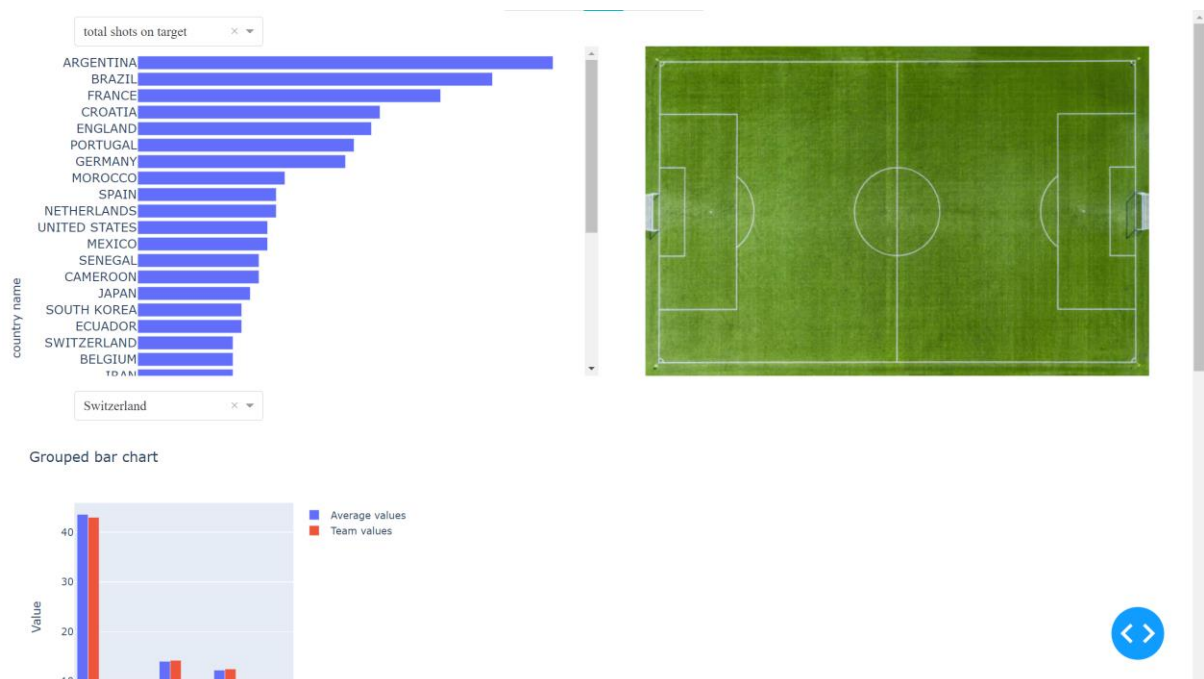
For this assignment, I used plotly. This was due to its flexibility and ease of user, as well as its reactive nature. It is a great tool for creating web-based dashboards.

Some of the encoding channels used in this assignment were colour, position and size. In the ranking bar chart, the relative position of the bars to one another is used to show the position in the world cup they are based on the given stat.

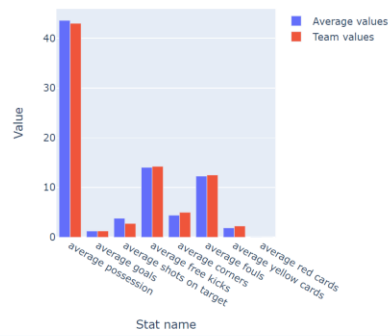
Colour was used to differentiate between teams when comparing their stats, either against each other, as was the case for the bottom graph, or against the average, as was the case in the middle graph.

Bar charts were the main visual idiom used in this assignment. This is due to the ease at which bar charts can be read – it makes the data accessible to almost any viewer.

Screenshots:

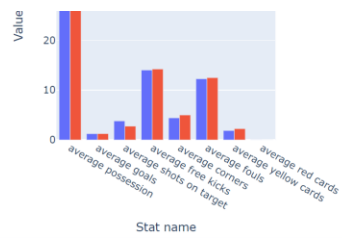


Grouped bar chart



Morocco vs Portugal

Grouped bar chart



Morocco vs Portugal

Grouped bar chart

