

Domain:

The domain of the visualisation is about the NBA player LeBron James, essentially a biography of his life. It shows his longevity, comparison to other players, and accolades he has accomplished.

Why:

Many people debate over who is the Greatest of All Time in basketball, and this visualisation aims to support the fact of LeBron James being the greatest of all time. Furthermore, it aims to show that LeBron James is worth the money being paid to him, and arguably should be paid more.

Who:

This visualisation is for fans of the NBA, as well as the general audience who may want to know more about LeBron James and basketball in general.

What:

The main data source used was basketball-reference. They hold an extensive database on all imaginable basketball stats, and thus was the driving point of this visualisation. It is not only used for stats like these, but acts as the official data keeping for the NBA.

How:

There 5 main visualisations:

Map of USA:

This shows the geographical location of each NBA team, as well as LeBron James' win percentage against each team. This was done by layering both a USA map, as well as a Canadian map. Each team has their corresponding latitude and longitude, and thus contribute to their location on the map. A colour gradient and size are used to show the percentage.

Stacked Area Chart with Brushing:

This was done very similar to the studios, by first creating a stacked area chart representing the 5 main statistical categories: points, rebounds, assists, blocks, and steals. This is the cumulative sum of each over the years of LeBron's career. Brushing can be used to see more in detail of the change per year.

Stacked Bar Chart:

This was done by using bar chart in Vega-lite, with the need to transform the stats in a way where there is a specific ordering of them.

Bubble chart:

This was done by plotting each player's age with their average points per game. Salary was used as the size indicator, and labouredly changing the colour for each player so that the top scorers would be more visible. LeBron is in a different colour to indicate his specialness. A dropdown box was added so that any individual player could be selected, and a filtering for minimum salary was added so that each player could be compared by how much they made.

Stacked Line Chart:

This was done by plotting a regular line chart with many elements. Each colour represents the players' main colour, whether be their brand or the main team they played for. LeBron is dashed to show his specialness.