Practice 1:

I evaluated the [vocal ranges of the world’s greatest singers.](http://www.informationisbeautifulawards.com/showcase/1102-the-vocal-ranges-of-the-world-s-greatest-singers)

* **represent a complex dataset graphically that could not as effectively be represented via other means.**

Visually represents the vocal ranges (highest and lowest) on a piano of men and women singers along with the song that he/she achieves this in.

* **involve interaction to allow a user to control what they see.**

The user can sort the data by highest, lowest or vocal range. Hover over the bars to see more detail about that singer, such as the keys notes on a piano and the song on which they reached those notes. It would be better if the user could filter by men and women.

* **emphasise connections and comparisons between items of data.**

Men singers are represented using blue bars and women pink bars. The bars represent range, so longer the bar, wider the range of that particular singer. This allows the user to see very quickly who has achieved the lowest/highest tone and who has wider or shorter range of tones. I’m surprised to see Axel Rose has the widest range of the singers!

* **contains a narrative providing a clear answer to a question without extraneous details.**

The graphic aims to compare today’s top artist with greatest of all time. While we can determine some of the greatest artist of all time e.g. Elvis Presley, it is not always unclear who would deem to be today’s top artist.

* **has an aesthetic appeal in order to encourage users to engage with the data or question.**

Straight away without reading the text above the graphic it was easily understood what this was showing.