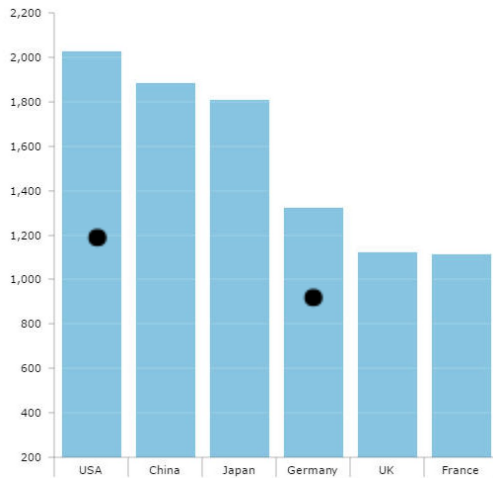


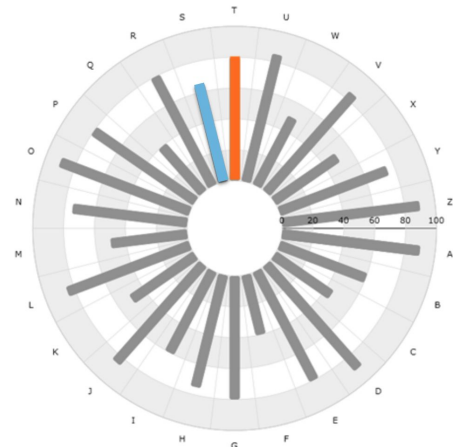
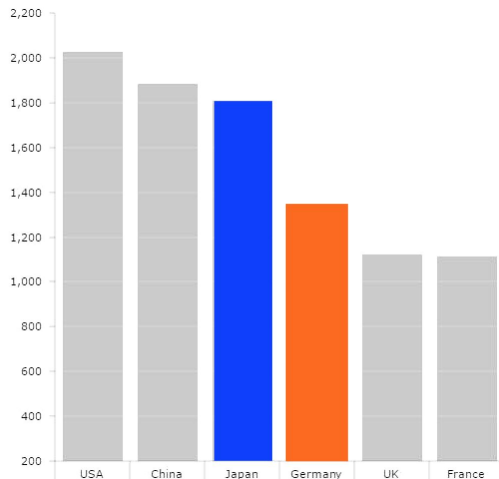
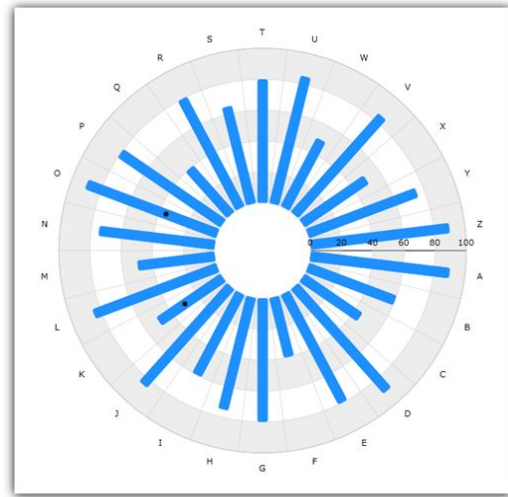
A5 Part A

Types of charts:

Bar Chart:



Radial column chart



Hypothesis 1: A regular bar chart will be easier to recognize differences in sizes (using dots to denote two bars to compare) when compared to a radial bar (column) chart, as people are more used to cartesian coordinates and not polar ones. A person would need to mentally rotate the bars for a radial bar chart to compare sizes which takes more effort than a regular bar chart.

Hypothesis 2: In both a regular bar chart and a radial bar chart, filling two adjacent bars with different colors would make it easier to identify differences in sizes when compared to filling two adjacent bars with the same color. This is because it creates a more significant contrast between the two bars making the difference easier to discern.