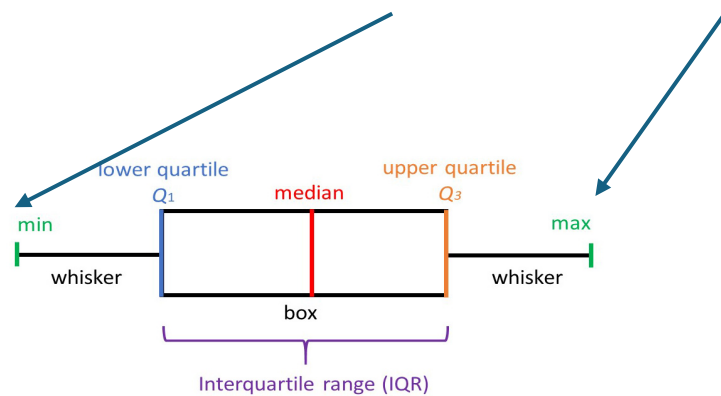


Section 1: Basics

In this section, we learn about

1. Purpose of Statistics
2. Definition of Statistics as **CODA**
3. Types of Statistics (**Descriptive/Inferential**)
4. Types of data Qualitative vs Quantitative (**discrete or continuous**)
5. 5 Types of samplings, their definition and keywords for each
6. Graphing qualitative data as Bar chart and Pie chart
7. Descriptive Statistics: Measure of Central Tendency and Position
8. Know how to find **mean, median, mode, range, Q1, Q2, Q3**
9. Knowing how to draw **Box Plot** based on (min, Q1, Q2, Q3 and max) and being able to explain it.



10. Different shapes of Box Plot and how to explain them (Symmetric or centered, **skewed** to right or left)

