- **Statistics**: The science of planning studies and experiments, obtaining data, and then organizing, summarizing, presenting, analyzing, interpreting, and drawing conclusions based on data.

- **Descriptive**
  
  - Organizing, Summarizing

- **Inferential**
  
  - Drawing/Measuring (reliability) conclusions
- **Data:** Collections of observations.

- **Variables:**
  
  - Qualitative
  
  - Quantitative

- **Level of measurement:**
  
  - Qualitative
  
  - Quantitative
- **Population**: A collection of all possible outcomes to be studied. (Scores, people, measurements, etc)

- **Parameters**

- **Sample**: A sub-collection of the population.

- **Statistics**