Data

Measures of Central Tendancy
- Mean
- Mode
- Median

Shape
- Right Skewed
- Symmetrical
- Left Skewed

Measures of Spread
- Standard Deviation
- Range
- Interquartile Range
- Outliers

Bivariate Data
- Two Way Table
- Scatter Plot
  - Correlation Coefficient
  - Line of Best Fit
  - Relationship
    - Strong
    - Moderate
    - Weak
    - No Correlation

Displaying Data
- Bar Chart
- Pie Chart
- Line (Dot) Plot
- Stem and Leaf (Discrete)
- Histogram (Continuous)

Sources
- Primary
  - Experimental Study
  - Questionnaire
  - Census
- Secondary
  - Internet
  - Newspapers

Types
- Categorical
  - Nominal
  - Ordinal
- Numerical
  - Discrete
  - Continuous

Sampling
- Simple Random
- Stratified
- Cluster
- Systematic
- Quota

Steps in Statistical Investigation
- Pose Question
- Collect Data
- Analyse Data
- Interpret Results