

23rd. August 2007.

Introduction to statistics.

1. Data Collection.

Discrete Data

Continuous Data

2. Measures of Central Tendency.

Mean

Mode

Median

Range

Quartiles

Inter-quartile range

Box and Whiskers Plot

Outliers

3. Descriptive Statistics.

Stem and Leaf Plots

Histograms

Pie Chart

4. Normal Distribution

Bell curve

Z-scores

5. Probability

Venn Diagrams

Probability and Odds

6. Inferential Statistics.

Confidence Intervals

Hypothesis Testing