Using Quantitative Data

What are you trying to do?

What is your research focus?

- Estimate the value of something?
- Describe a situation?
- Compare different groups?
- Look for an association between different things?
- Make predictions?

What are you trying to measure?

What variables are you interested in?

- How will you measure it?
- How has it been measured?

How will you collect your data?

- Secondary data?
- Sources?
- Primary data?
- Survey?
- Measurement?
- Sampling method?
How will you analyse your data?

*What do you want to find out from it?*

- Statistical tests?
- T tests?
- Regression?
- ANOVA?
- Correlation?
- Chi square?
- Standard deviation?
- Inter-quartile range?
- Mean?
- Median?
- Description?

How will you display your data?

*What is most appropriate?*

- Tables?
- Bar chart?
- Pie chart?
- Line graph?
- Box plot?
- Scatter Plot?
- Cumulative Frequency?
- Histogram?
- Tables?