



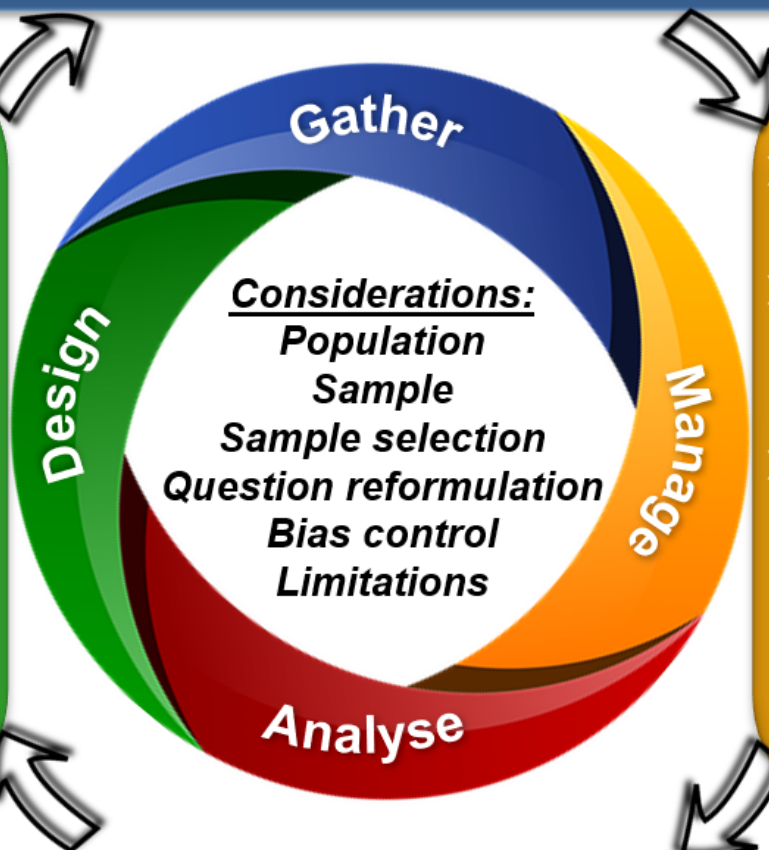
IDENTIFY VARIABLES AND SELECT RELIABLE METHODS FOR GATHERING DATA

- What variable(s) are being measured?
- How are the variable(s) being measured?
- Is the sample representative of the population?



INVESTIGATION DESIGN

- Is the statistical question posed concise?
- What are the variable(s) that may need to be measured to answer the question?
- Is it possible to collect the data that can answer the question?
- Is it possible to draw down or gather the required data in a given timeframe?
- Is an experiment, survey or observational study being conducted?



ORGANISE AND MANAGE DATA

- Is the data displayed in a table, diagram, chart and/or graph?
- Is the data summarised numerically, graphically, diagrammatically and/or with words?
- Is the display/summary method most appropriate?



ANALYSE AND INTERPRET DATA

- Is the data, display and/or summary connected to the statistical question?
- How could the investigation be improved?

