

STATISTICS PROJECT OUTLINE

Find a data set containing at least 50 values. Good places to find data include newspapers, almanacs and websites for the Wisconsin or US census among many others.

You must source your data. (Name of website, date accessed, URL)

Make a data table of the information (list the values) and state what the values represent. Within the table include the frequency, cumulative frequency, relative frequency, and cumulative relative frequency (%).

Construct a histogram of your data on the provided graph paper. Use a straightedge to make a neat graph. Make the histogram large enough to make it visually appealing-tiny graphs are difficult to read.

Determine the five-number-summary (lower/upper extreme, lower/upper quartile, median) for your data set.

Construct a box-and-whisker plot of the data and test for outliers. Identify the outliers on the box-and-whisker plot using an x .

Using the histogram and box-and-whisker plot you made, write a summary of the distribution of your data. In your summary explain why you chose your topic and what you found interesting.

**Be *CREATIVE!* Your final project will be graded on neatness.
Use *COLOR* and *GRAPHICS* related to your topic.**