MA 155
Project 1: Data Visualization

First Name_____   Last Name_____   _____/xx Points

- Instructions: Use the attached data set in excel to complete the tasks. Once you are done with the tasks, upload your work as a single **word file** on canvas.
- Tasks
  1. **(x Points)** Construct a frequency distribution (make sure your table has both frequencies and percentages, round your percentages to the nearest whole number) for "REGION" in excel (Watch this video first https://www.youtube.com/watch?v=IJTNX3eV7mw).

     Paste your frequency distribution here and briefly describe the distribution (Place the distribution below the description).

  2. **(x Points)** Construct a frequency distribution (make sure your table has both frequencies and percentages, round your percentages to the nearest whole number) for "SEX" in excel.

     Paste your frequency distribution here and briefly describe the distribution (Place the distribution below the description).

  3. **(x Points)** Construct a bar graph for "HEALTH" in excel. Make sure to give your graph a suitable title and label the axes.

     Paste your bar graph here and briefly describe the graph (Place the graph below the description).

4. **(x Points)** Construct a bar graph for "BMICAT" in excel. Make sure to give your graph a suitable title and label the axes.

5. **(x Points)** Construct a boxplot for "AGE" in excel. Make sure to give your graph a suitable title and label the axes.

6. **(x Points)** Construct a side-by-side boxplot for "POVLEV" by "REGION" in excel by following the steps below. Make sure to give your graph a suitable title and label the axes.