

**MA 155**  
**Project 2: Descriptive Statistics – Numerical Summaries**

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. The data set is the same as the one you used in Project 1.

**Part 1:**

**(xx Points)** Calculate the mean, median, variance, standard deviation, minimum, and maximum for “AGE” using the Data Analysis Tool in excel.

Paste your excel results/output here. Briefly interpret your results focusing on the mean, median, standard deviation, minimum and maximum (Place the excel results below the interpretation).

**Part 2:**

**(xx Points)** Calculate the mean, median, variance, standard deviation, minimum and maximum for “AGE” by “DIABTYPE” using the Data Analysis Tool in excel. To complete this part of the project, you first need to divide “AGE” into three (3) groups of “DIABTYPE” using the filter function in excel.

Paste your excel results/output here. Briefly compare the means and standard deviations of AGE in terms of the three (3) groups in DIABTYPE (Place the excel results below the interpretation).

**Part 3:**

**(xx Points)** Calculate the mean, median, variance, standard deviation, minimum and maximum for “AGE” by “HYP2TIME” using the Data Analysis Tool in excel. To complete this part of the project, you first need to divide “AGE” into the two (2) groups of “HYP2TIME” using the filter function in excel.

Paste your excel results/output here. Briefly compare the means, medians, standard deviations, and skewness of AGE in terms of the two (2) groups in HYP2TIME (Place the excel results below the interpretation).