

Students Name:

Date:

Math 215 Test 4/Project

Project Due Date: 07/23/2019(Counts as Test 4) +10 test points if presented in class.

Directions: Do data analysis on something you are interested in. You are going to be graded based on how you show your knowledge of statistics that you have acquired from this class. The grading Criteria in detail are 1-4 below. (Can use Excel). No hand written assignments, must be typed and printed; power point is ideal. Must be at-least 10 pages/slides long. This is like a research paper but involving stats; it shouldn't feel like a lesson plan teaching stats.

What I am looking for:

1. Strong topic: (25pts)

ex: Interesting topic; A study that you find fun and will provide meaningful and interesting conclusions. Please have an intro, and why you picked your topic.

2. Using descriptive measurements like mean, median, mode, standard deviation and 5 # summary, and probability/percentages to describe your data set. (25pts)

3. Illustration of graphs and how they are used to better find trends and patterns in your study. ex: Depending on data type, bar charts, histograms, dot plots, pie charts etc. Use color as it adds to your display of graphs and visuals. (25pts)

4. Finding meaningful and sound conclusions based on purpose of study. ex: A topic or study that you found fun, educational or both. (25pts). Please state your conclusion, and add your personal opinion/analysis on what you discovered in your topic. Please state any references if you took material/info from other sources.