

Quiz 1 – OMGT6123

Read all instructions carefully and answer each question asked. Calculations are important but so are explanations and dialogue. **FULLY EXPLAIN ALL ANSWERS IN ORDER TO RECEIVE CREDIT.**

1. You are required to submit this quiz by the due date via Canvas. **MAKE SURE TO USE THE NAMING CONVENTION SET DOWN IN THE SYLLABUS WHEN SUBMITTING YOUR QUIZ/FILES IN CANVAS.** Late papers will not be accepted.
2. Your work should consist of:
 - a. A cover sheet with your name and the date.
 - b. A **1-PAGE**, one-side only, Executive Summary of your work including explanations, calculations, diagrams, etc. Please feel free to include as much detail as you think necessary but remember you have limited space.
 - c. Executive summaries are expected to be typewritten (i.e., MS-Word, WordPerfect). However, calculations can be handwritten. Clarity and neatness are expected.
 - d. Please refer to the **website for further information regarding writing executive summaries**. You may use any font and spacing that is reasonable. i.e., 0.25-inch margins and font size 10 are at the low end of reasonable. At a minimum your summary must have section headers & structure (e.g., Introduction, Analysis, Recommendations). Remember you are presenting this to your boss.
 - e. Please attach all calculations, spreadsheets, diagrams, graphs, etc., to the back of the executive summary and label the section Appendix A. If you are running short on space in your executive summary, you may reference pages in the Appendix. (This may come in handy for certain diagrams, graphs, etc.) It is vitally important that you link your work to the executive summary, i.e., **I will NOT go searching for answers, spell them out in your executive summary and show your work in the Appendix!!**
3. You will be graded on both your calculations and your presentation. Calculations will be weighted approximately 75% and your presentation (i.e., the executive summary) will be weighted 25%. Just a reminder, if I can't read it or find it, I can't grade it.

A typical quiz will have the following parts:

- a cover page with your name and date,
- your executive summary,
- an appendix cover page, and
- your appendix pages.

You may turn in both a Word file and an Excel file (the Excel file would most likely contain your Appendix material).

NOTE: I WANT ONLY 1 (ONE) EXECUTIVE SUMMARY THAT INCLUDES ALL QUIZ PROBLEMS. DO NOT CREATE MORE THAN 1 (ONE) EXECUTIVE SUMMARY!! PLEASE EMAIL ME IF THIS IS NOT CLEAR.

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Read all instructions carefully and answer each question asked. Calculations are important but so are explanations and dialogue. FULLY EXPLAIN ALL ANSWERS IN ORDER TO RECEIVE CREDIT.

Construct a stem and leaf plot for the following data:

Scores	Scores	Scores
19	19	44
31	25	37
35	20	29
20	19	3
45	25	50
11	32	51
25	35	53
20		45

Construct a stem and leaf plot for the following data:

Scores	Scores	Scores
30	25	44
31	32	37
35	35	29
40	30	40
35	31	35
41	33	36
25	35	33
30		25

Use below 20, 20-29, 30-39, etc. as your bins for these data sets.

Compare this stem and leaf plot to the plot you created with the first data set. What can be said regarding these two plots?

Construct a Histogram for Question 1 and 2. Again, use below 20, 20-29, 30-39, etc. as your bins for these data sets.

Briefly discuss what can be seen about the two data sets from the two histograms.