STAT 335: Final Exam – Part #4 Name(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Fall 2018  
Points: 50 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

For Part #4 of your final exam, you are to analyze the outcomes from your survey. You can download your data after **Monday, Dec 10, 12:01AM** deadline.

Your analysis must contain the following.

1. Provide a basic summary (counts/percentages/visualization) for each question.
2. If demographic/background questions were used – in what ways did the responses differ across these variables? Again, provide appropriate summaries to support your discussions. Discuss.

Note: You only need to highlight most significant changes – you do not need to discuss every question.

1. Provide some type of summary of your open-ended question.
2. For the Likert-scale questions, compute the Cronbach’s Alpha score (see Handout #7 – Internal Consistency Reliability). Provide an interpretation of this value.
3. Provide a 4-6 sentences overview of what you learned about the personality trait you considered in this survey. What were some of the most surprising outcomes?
4. If you were asked to edit/improve your survey, what changes would you make? Discuss.

Additional Items

1. Print off a hard copy of your survey and include it with your submission.
2. Email me ([cmalone@winona.edu](mailto:cmalone@winona.edu)) a copy of the original data from your survey. I may use your survey/data in future iterations of teaching this class.