

Project 2: Online Surveys

Objective: Learn how to create, conduct, and analyze response data to an online survey.

Procedure: You may work alone, or in groups of up to four people. Everybody must participate and contribute to the project. Class time will be allotted for this project, but you may also spend time outside of class as necessary.

Requirements:

1. Select a topic of interest to survey your students of Probability & Statistics classes. (Later, we will develop surveys to address a larger population.)
2. Develop a list of questions for your topic which must include at least one of each of the variable types: categorical, discrete and continuous. You should have between 5 and 10 questions. (Not fewer than 5, not more than 10.)
3. Get your list of questions approved by Ms. Weinstein.
4. Using Google forms, create and share your survey with our group.
5. Fill out the surveys that other students have shared with the group. Be sincere in your responses.
6. Analyze the responses using Minitab and summarize your findings. Use graphs, numerical summaries, and a written summary.
 - a. Introduce your topic – why did you choose it?
 - b. Present the data graphically and numerically.
 - c. Summarize your findings.
 - d. What further questions or follow up might be suggested?

Due: Friday 9/26/14

Students will present their projects to the class. Class will provide feedback about a) the content and b) the project presentation. Feedback will be used to improve projects and as useful suggestions for future projects.

Project 2 Rubric:

| Description of Project Presented | Grade |
|---|-------|
| <p>All the requirements of the project are met beyond the minimum. Final result shows clear evidence of additional effort to expand on the project in keeping with the project objective. Final result shows evidence of thoughtfulness and clear attempt to produce an academically sound project. Evidence of extra care for precision, accuracy and clarity are also apparent.</p> | A |
| <p>All the minimum requirements of the project are met, with additional effort to expand on the project in keeping with the project objective. Final result shows evidence of thoughtfulness and clear attempt to produce an academically sound project. Evidence of extra care for precision, accuracy or clarity is also apparent.</p> | B |
| <p>At least the minimum requirements of the project are met. Final result shows evidence of thoughtfulness and clear attempt to produce an academically sound project.</p> | C |
| <p>Not all requirements met to at least the minimum level, and/or final result shows evidence of careless work, or lack of thoughtfulness, or lack of academic sincerity.</p> | D |
| <p>Project not submitted, or submitted with a majority of the requirements lacking.</p> | E |