

Math 138: Statistics

Final Project Presentation Guidelines

After gathering your data into a spreadsheet, spend time trying many different statistical inference techniques and graphical summaries using R Studio. Then find the few most interesting results from your data to report in your presentation. Make a PowerPoint, Google Slides, or other similar presentation. Practice your presentation with your group before you present, and make sure that all group members get time to talk.

You will give your presentation during the scheduled final time for the class, Friday December 16 8:00-11:00.

Your presentation should include:

- A brief summary of your project, how you got your data, and/or what you hoped to find (about 3 minutes)
- Three to five of your most interesting conclusions from statistical inference (confidence intervals or hypothesis tests appropriate to your variable types) including P -values if they're hypothesis tests, with accompanying appropriate graphical displays (5-7 minutes)
- Concluding discussion (1 or 2 minutes)
(10-12 minutes total. Time guidelines can be shorter for 1-person groups.)
- **Notes:** Also submit a document briefly explaining the work your group did for the final project. If there's data you gathered, tests you ran, or additional complications that didn't make it into your presentation, you can tell me about them here. I'll use your notes to grade the time and energy you spent on your project (item 1 of the grading rubric).

Grading Rubric

Time and energy spent gathering data and/or analyzing data and/or preparing your presentation	/15
Clear and accurate conclusions based on statistical inference	/10
Clear, accurate, and nice looking graphical displays of data	/10
Oral presentation	/10
All members of the group contributed to the project preparation and presentation	/5
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Total	/50
