

Lab Instructions

This page contains links to the individual lab instructions for Math 217.

NOTE: All these links take you to HTML versions of the labs. But if you change the link extension to “.pdf”, you will get a more print-friendly version, with spacing for student answers to each question.

- Lab 1¹ introduces you to the RStudio environment and shows you how to carry out basic descriptive statistics.
- Lab 2² shows you how to create graphs and carry out basic one-variable and two-variable analyses.
- Lab 3³ shows you how to use RMarkdown to structure your work and create your report all in one document.
- Lab 4⁴ offers you an opportunity to practice and solidify your learning from the first three labs, and introduces more two-variable techniques.
- Lab 5⁵ shows you how to customize graphics outputs.
- Lab 6⁶ adds more graph customizations and shows you how to create new variables from existing ones.
- Lab 7⁷ shows you how to work with linear models in RStudio.
- Lab 8⁸ lets you practice, in a more independent fashion, the data analysis techniques we have learned so far.

¹[labs/Lab1Instructions.html](#)

²[labs/Lab2Instructions.html](#)

³[labs/Lab3Instructions.html](#)

⁴[labs/Lab4Instructions.html](#)

⁵[labs/Lab5Instructions.html](#)

⁶[labs/Lab6Instructions.html](#)

⁷[labs/Lab7Instructions.html](#)

⁸[labs/Lab8Instructions.html](#)