

# WEEK 1: INTRODUCTION TO R

## Due Dates

- Concept Checks 1.1 - 1.4
  - Due Wednesday (1/11) at 8AM
- PA 1: Find the Mistakes
  - Due Wednesday (1/11) at 8AM
- Lab 1: Introduction to R
  - Due Friday (1/13) at 11:59pm
- Challenge 1: Modifying Your Quarto Document
  - Due Saturday (1/14) at 11:59pm
- Bonus Challenge 0: FizzBuzz
  - Due Saturday (1/21) at 11:59pm

## MONDAY

### Welcome to Stat 331!

- Introduce myself - PhD University of Nebraska Lincoln, recently moved to SLO, enjoy hiking (so give me recs!)
- Students introduce themselves - role call

## Syllabus

### What you can expect

3 unit because R has a variety of uses

- Unit 1: R for Data Science
- Unit 2: R for Developers
- Unit 3: Statistical Computing

### Coding Classes

- Everyone is coming from a different background
- Different aspects of the course will be difficult to different people
- Use your peers to support your learning

### Learning a new language

- Start with words, memorize common words and meanings
- Language is more than a set of words
- Learning a language comes from using it, watching others use it, and reading

### Course Structure

The text and class sessions will be used to teach you a set of “words” / skills each week. - These are the general ideas and the foundational skills (think common words)

Cannot teach you every word / function – I don’t know them all!

It would be a disservice to teach you specifics rather than problem solving.

### What did Google say?

- Use external resources when you are stuck
- Develop skills to solve problems
- Learn by Doing!

### Don’t get stuck in a pit

- If you’ve been working on the same issue for over 30 minutes, take a break.
  - Go outside
  - Send me a message on Discord
  - Reach out to a classmate
- Ask questions early
- Explain your code to someone
  - Rubber ducky debugging

**Introduction to R + RStudio**

**Troubleshooting**

**PA1: Find the Mistakes**

**WEDNESDAY**

**Review PA1 Solutions**

**Scripts + Notebooks**

**Lab 1: Introduction to Quarto + Challenge 1: Modifying Your Quarto Document**