

# Lecture 1.5 – Types of Data in R

## Specific Learning Objectives:

- 1.1.3 – Understand the basic syntax of the R language.
- 1.1.5 – Learn how to assign variables in R's environment.
- 1.1.9 – Understand the data classes of R.

# Check Your Understanding!

**Write out an example of each of the five atomic data classes!**

# How can you use GenAI to help you learn R?

- **Get advice on how to structure your data or what data types to use for a problem:**
  - Open ChatGPT and ask it: “I am doing a statistic in R and I need to store words and numbers. What would be the best data types to use?”
- **Help troubleshoot specific bits of code that aren't working:**
  - Open ChatGPT and ask it: “I am getting an error with this line of R code, can you explain to me what the error means and how to fix it? The code is: `"y" + 3`”
- **Help study for the skill check by reviewing material:**
  - Open ChatGPT and ask it: “Can you quiz me on the atomic data types of R?”

# **In-class exercises**

- 1. Complete assignment 1.6.**

## **Action Items**

- 1. Complete assignment 1.6.**
- 2. Read Davies Ch. 2 for next time.**