

Introduction to R 2025

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Part I

Introduction

Chapter 1

Workshop Info

Welcome to the Introduction to R 2025 Canadian Bioinformatics Workshop webpage!

1.1 Class Photo

1.2 Schedule

Time (EDT)	Day 1	Time (EDT)	Day 2
8:30	Arrivals & Check-in	8:30	Arrivals
9:00	Welcome (Nia Hughes)	9:00	Review & Module 3: Loops and functions (Frances Wong)
9:30	Module 1: Getting to Know R (Frances Wong)	10:00	Break (15min)
10:30	Break (15min)	10:15	Module 3: Loops and functions (cont'd)
10:45	Module 1: Getting to Know R (cont'd)	11:00	Break (15min)
11:15	Break (15min)	11:15	Module 3: Loops and functions (cont'd)
11:30	Module 1: Getting to Know R (cont'd)	12:00	Class Photo + Break (1h)
12:00	Break (1h)	13:00	Module 4: Linear regression (Frances Wong)

Time (EDT)	Day 1	Time (EDT)	Day 2
13:00	Module 2: Exploring your data in R (Frances Wong)	14:00	Break (15min)
14:00	Break (15min)	14:15	Module 4: Linear regression (cont'd)
14:15	Module 2: Exploring your data in R (cont'd)	15:15	Break (15min)
15:15	Break (15min)	15:30	Short Project
15:30	Review and Short project	17:00	Survey & Closing Remarks
17:30	Finished	17:30	Finished

1.3 Pre-work

You can find your pre-work here.

Chapter 2

Meet Your Faculty

Coming soon!

Part II

Modules

Chapter 3

Day 1

3.1 Lecture

3.2 Lab Downloads

Day 1 Rmd
abalone.csv
water_potability.csv

Chapter 4

Day 2

4.1 Lab Downloads

Day 2 Rmd
diamonds.csv
healthcare-dataset-stroke-data.csv