

BIS 15L Schedule Winter 2024

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Lab #	Date	Part 1 (12:10-1:00p)	Part 2 (1:10-2:00p)
1	1-9	Getting Started	Github & Github Desktop
2	1-11	R, RStudio, and RMarkdown	RMarkdown Homework 1: RMarkdown
2	1-11	Navigation, Objects, & Data Types	Data Structures Homework 2: Data Structures
3	1-16	Data Frames	Data Frames Homework 3: Data Frames
4	1-18	Tidyverse Dplyr: select ()	Dplyr: filter () Homework 4: Dplyr Practice 1
5	1-23	Dplyr: mutate () & case_when ()	Dplyr Examples Homework 5: Dplyr Superhero

6	1-25	summarize () & group_by ()	Data Wrangling Tricks Homework 6: Summary Functions
7	1-30	Midterm 1	
8	2-1	Dealing with NA's	More on NA's Homework 7: NA's
9	2-6	Tidy Data & Tidyr RProjects	Course Project Meeting (Groups 1-18) Homework 8: Tidy Data
10	2-8	Grammar of Graphics Data visualization: ggplot 1	Data visualization: ggplot 1 Homework 9: ggplot 1
11	2-13	Data visualization: ggplot 2	Homework 10: ggplot 2
12	2-15	Data visualization: ggplot 3	Homework 11: ggplot 3
13	2-20	Group Project Check-in/ Open Lab	

14	2-22	Midterm 2	
15	2-27	Spatial Data	Homework 12: Spatial Data
16	2-29	Shiny Apps	Homework 13: Shiny
17	3-5	TBA (Bry)	Homework 14: TBA (Bry)
18	3-7	Open Lab for Projects	
19	3-12	Project Presentation Prep	Project Presentations
20	3-14	Project Presentations	Project Presentations Course Evaluations Homework 15: Peer Reviews