Unit 2: Exploring Data

Mon Sept 23: L2.1: Finding Meaning in Data, Discussing Projects (video: McCandless TED Talk)
Storytelling and Data Science | Find a data set for project | CLO 3 discussed

Wed Sept 25: L2.2: Basic Plotting with R Markdown
Davies Ch. 7.1–7.3, Chang Ch. 1–2 | Assignment 2.1 | 2.2.1, 2.2.2, 2.2.4, 3.2

Fri Sept 27: L2.3: Reading and Writing Files, Data Cleaning
Davies Ch. 8, Chang Ch. 1–2 | Assignment 2.2 | 3.1

Mon Sept 30: L2.4: Scripting & Troubleshooting Compound Code
None | Assignment 2.3 | 2.2.1, 2.2.2, 3.5.1, 3.5.2

Wed Oct 2: L2.5: Basic Data Analysis
Davies Ch. 13 | Assignment 2.4 | 3.4

Fri Oct 4: L2.6: Grammar of Graphics Basics
Davies Ch. 7.4, Chang Appendix A | Work on SK2.1 | 3.3

Mon Oct 7: Skill Check 2.1 (SK2.1): Student presentation on graph types (no video)
Assigned Chang Chapter | None | 3.3, 3.5

Wed Oct 9: Skill Check 2.1 (SK2.1): Student presentation on graph types (no video)
Assigned Chang Chapter | None | 3.3, 3.5

Fri Oct 11: L2.7: How We See (no video)
Katsnelson 2021 | None | 3.6.1–3.6.4

Mon Oct 14: L2.8: Basics of Data Visualization (no video)
Davies Ch. 14 | Assignment 2.5 | 3.6.5

Wed Oct 16: L2.9: Critiquing Visualizations (no video)
None | Prepare projects for critiques | 3.1–3.6

Fri Oct 18: Project 1 (P1): Draft Visualizations 1; Skill Check 2.2 (SK2.2): Providing Critiques (no video)
Set 1 prepares for critique | Work on incorporating comments | 3.1–3.6

Mon Oct 21: Project 1 (P1): Draft Visualizations 2; Skill Check 2.2 (SK2.2): Providing Critiques (no video)
Set 2 prepares for critique | Work on incorporating comments, Project revision due by Mon. Oct. 31 at 11:59 pm | 3.1–3.6