Unit 2: Exploring Data

Fri Sept 24:   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

Mon Sept 27:   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

Wed Sept 29:   L2.3: Reading and Writing Files, Data Cleaning
Davies Ch. 8, Chang Ch. 1–2 | Assignment 2.2 | 3.1

Fri Oct 1:   L2.4: Basic Data Analysis (no video)
Davies Ch. 13 | Assignment 2.3 | 3.4

Mon Oct 4:   L2.5: Grammar of Graphics Basics
Davies Ch. 7.4, Chang Appendix A | Work on SK2.1 | 3.3

Wed Oct 6:   Skill Check 2.1 (SK2.1): Student presentation on graph types (no video)
Assigned Chang Chapter | None | 3.3, 3.5

Fri Oct 8:   Skill Check 2.1 (SK2.1): Student presentation on graph types (no video)
Assigned Chang Chapter | None | 3.3, 3.5

Mon Oct 11:   Catch up day!
None | None | None

Wed Oct 13:   L2.6: How We See (no video)
None | Assignment 2.4 | 3.6.1–3.6.4

Fri Oct 15:   L2.7: Basics of Data Visualization
Davies Ch. 14 | Assignment 2.5 | 3.6.2–3.6.6

Mon Oct 18:   L2.8: Critiquing Visualizations (no video)
None | Prepare projects for critiques | 3.1–3.6

Wed Oct 20:   Project 1 (P1): Draft Visualizations 1; Skill Check 2.2 (SK2.2): Providing Critiques
Set 1 prepares for critique | Work on incorporating comments | 3.1–3.6

Fri Oct 22:   Project 1 (P1): Draft Visualizations 2; Skill Check 2.2 (SK2.2): Providing Critiques
Set 2 prepares for critique | Work on incorporating comments, Projects due by Mon. Oct. 25 at 5 pm | 3.1–3.6