

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
[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
[Assigned Chang Chapter](#) | [None](#) | 3.3, 3.5

Fri Oct 8: Skill Check 2.1 (SK2.1): Student presentation on graph types
[Assigned Chang Chapter](#) | [None](#) | 3.3, 3.5

Mon Oct 11: L2.6: How We See
[None](#) | [Assignment 2.4](#) | 3.6.1–3.6.4

Wed Oct 13: L2.7: Basics of Data Visualization
[Davies Ch. 14](#) | [Assignment 2.5](#) | 3.6.2–3.6.6

Fri Oct 15: L2.8: Critiquing Visualizations
[None](#) | [Prepare projects for critiques](#) | 3.1–3.6

Mon Oct 18: 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

Wed Oct 20: 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. 18 at 5 pm](#) | 3.1–3.6