

Unit 2: Exploring Data

Fri 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

Mon Sept 26: *Skill Check 1 (SK1): Basics of R (no video)*

Wed Sept 28: 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 30: L2.3: Reading and Writing Files, Data Cleaning
[Davies Ch. 8](#), [Chang Ch. 1–2](#) | [Assignment 2.2](#) | 3.1

Mon Oct 3: L2.4: Scripting & Troubleshooting Compound Code
[None](#) | [Assignment 2.3](#) | 2.2.1, 2.2.2, 3.5.1, 3.5.2

Wed Oct 5: L2.5: Basic Data Analysis
[Davies Ch. 13](#) | [Assignment 2.4](#) | 3.4

Fri Oct 7: L2.6: Grammar of Graphics Basics
[Davies Ch. 7.4](#), [Chang Appendix A](#) | [Work on SK2.1](#) | 3.3

Mon Oct 10: Skill Check 2.1 (SK2.1): Student presentation on graph types (no video)
[Assigned Chang Chapter](#) | [None](#) | 3.3, 3.5

Wed Oct 12: Skill Check 2.1 (SK2.1): Student presentation on graph types (no video)
[Assigned Chang Chapter](#) | [None](#) | 3.3, 3.5

Fri Oct 14: L2.7: How We See (no video)
[Katsnelson 2021](#) | [Assignment 2.5](#) | 3.6.1–3.6.4

Mon Oct 17: L2.8: Basics of Data Visualization (no video)
[Davies Ch. 14](#) | [Prepare projects for critiques](#) | 3.6.5

Wed Oct 19: L2.9: Critiquing Visualizations (no video)
[None](#) | [Assignment 2.6](#) | 3.1–3.6

Fri Oct 21: 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 24: 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. 29 at 5 pm](#) | 3.1–3.6