

## 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](#) | [None](#) | 3.6.1–3.6.4

**Mon Oct 17:** L2.8: Basics of Data Visualization (no video)  
[Davies Ch. 14](#) | [Assignment 2.5](#) | 3.6.5

**Wed Oct 19:** L2.9: Critiquing Visualizations (no video)  
[None](#) | [Prepare projects for critiques](#) | 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. 31 at 11:59 pm](#) | 3.1–3.6