

## 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 (Dr. Hagop Atamian visits)  
[None](#) | [Assignment 2.3](#) | [2.2.1](#), [2.2.2](#), [3.5.1](#), [3.5.2](#)

**Wed Oct 2:** L2.5: Basic Data Analysis (Katherine Hansen visits)  
[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](#)