

Notes

Data Visualization and Exploration (STAT 4413/5413, Spring 2025)

Introduction

This page is a summary of the html files produced by the qmd files written in class (code) and annotated after class (text). At the moment there isn't convenient navigation between weeks - use the back button to return to the list. If this seems useful, I might fix it, but at the moment there are other more pressing chores.

Class notes

Week	Date	Topic	Annotated Class Notes
1	1/14	Introduction, Principles, Examples (good and bad)	
2	1/21	Base R (scatter and line plots, mostly)	class notes
3	1/28	Base R (axes, box-plots, and histograms)	class notes
4	2/4	Base R (histograms, densities, and tables)	class notes
5	2/11	Data-wrangling and groupwork	class notes
6	2/18	<i>We didn't have class.</i> ¹	Snow day
7	2/25	ggplot (basic ideas and various plots, reprise)	class notes
8	3/4	ggplot (annotation, reprise)	class notes
9	3/11	Reflections, extensions to base R and ggplot	class notes
10	3/18	Spring Break	
11	3/25	Maps I	class notes
12	4/1	Melton Gallery visit	6:00pm-7:00pm
		Normal class (Maps II)	7:20pm-8:45pm
13	4/8	Dashboards (Shiny / Tableau)	
14	4/15	Dashboards (Shiny / Tableau)	

Week	Date	Topic	Annotated Class Notes
15	4/22	Summary	
16	4/29	Special Topics	
Finals	5/6 (5:30-7:20 pm)		

¹You have no explicit obligations here. We will squish some things together and make it all fit within the confines of the time we have.