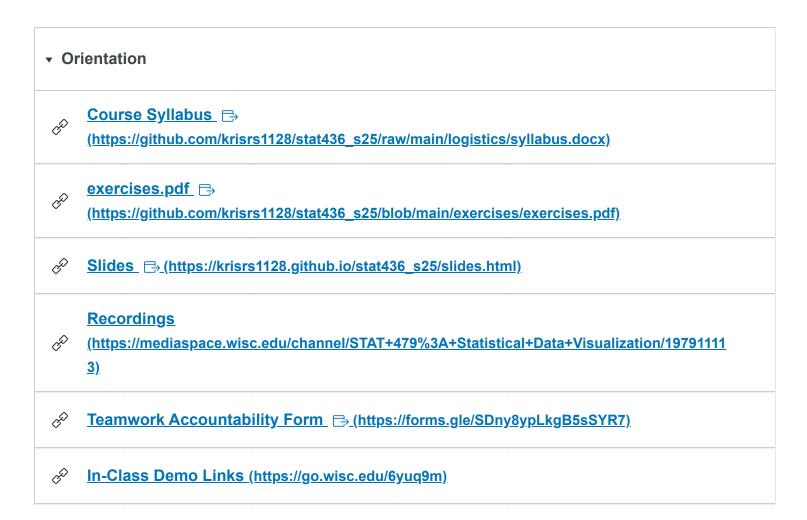
Collapse All



# ▼ Fundamentals of Data Visualization

Project Milestone 0: Group Formation

Jan 31 0 pts

**Project Milestone 1: Study Goals and Literature Review** 

Feb 17 25 pts

學

孯

學

Visualization Shares

May 1 5 pts

Homework 1
Feb 10 20 pts

### **January 21 - 23**



(https://docs.google.com/document/d/1ozRag2UF9OEHHUbrpvfpL6dtkiBP6mIV/edit)



(https://github.com/krisrs1128/stat436\_s25/blob/main/activities/demo1-1-starter.Rmd)



In-Class Discussion [1 - 2] ⇒ (https://docs.google.com/document/d/103ZB-vR4vlWzeLu4\_PAgjv2wkoL8EdE1YlBQBsIO\_Rs/edit?usp=sharing)



In-Class Exercise [1 - 1]

Jan 23 3 pts



In-Class Exercise [1 - 2]

Jan 28 3 pts



(https://krisrs1128.github.io/stat436\_s25/posts/2024-12-27-week01-01/)



Week 1 - 2: A Vocabulary of Marks ⇒

(https://krisrs1128.github.io/stat436\_s25/posts/2024-12-27-week01-02/)

#### **January 28 - 30**



<u>In-Class Discussion [2 - 1]</u> ⇒

(https://docs.google.com/document/d/1fpMwORIZwYY77SzgiOZv3YFGCTpTKl8O/edit)



In-Class Demo [2 - 1] □

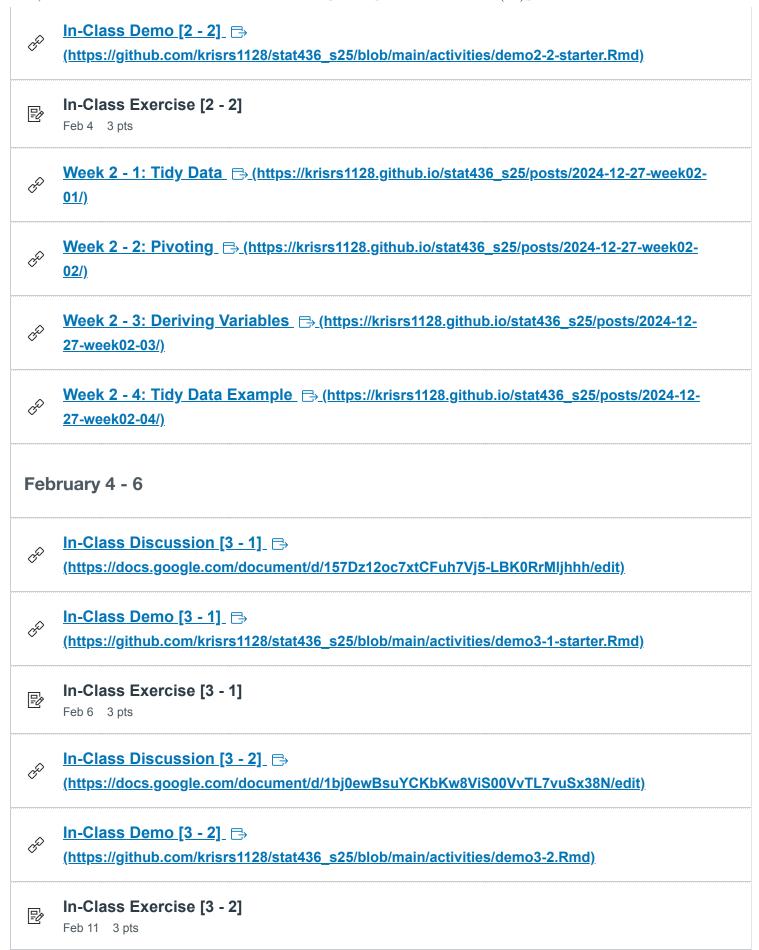
(https://github.com/krisrs1128/stat436\_s25/blob/main/activities/demo2-1-starter.Rmd)

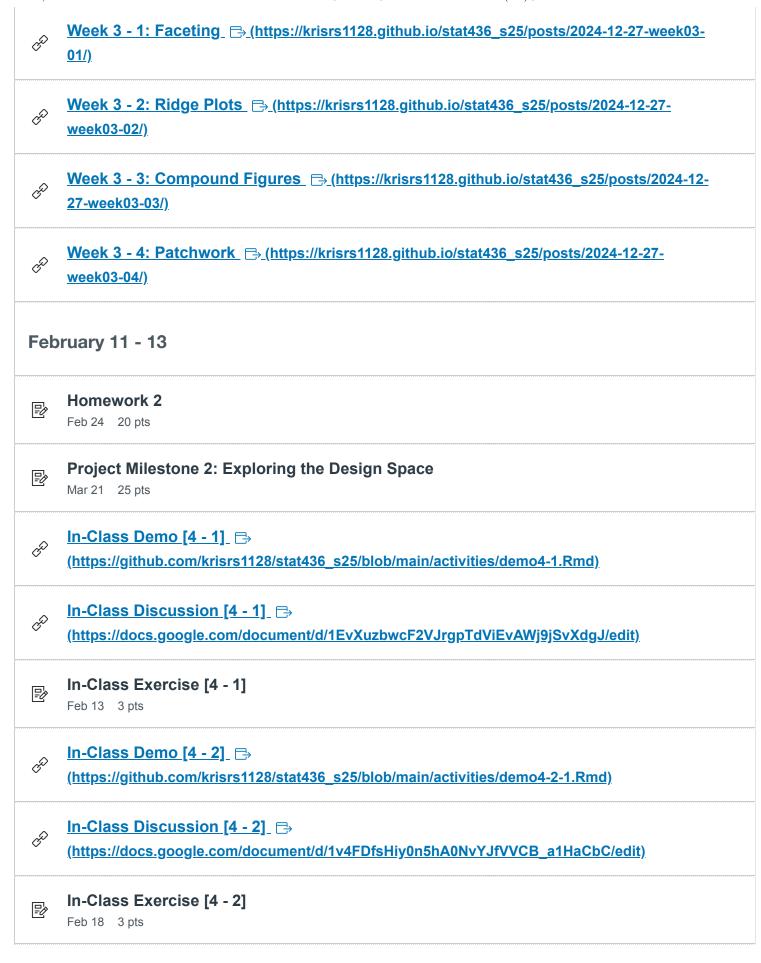


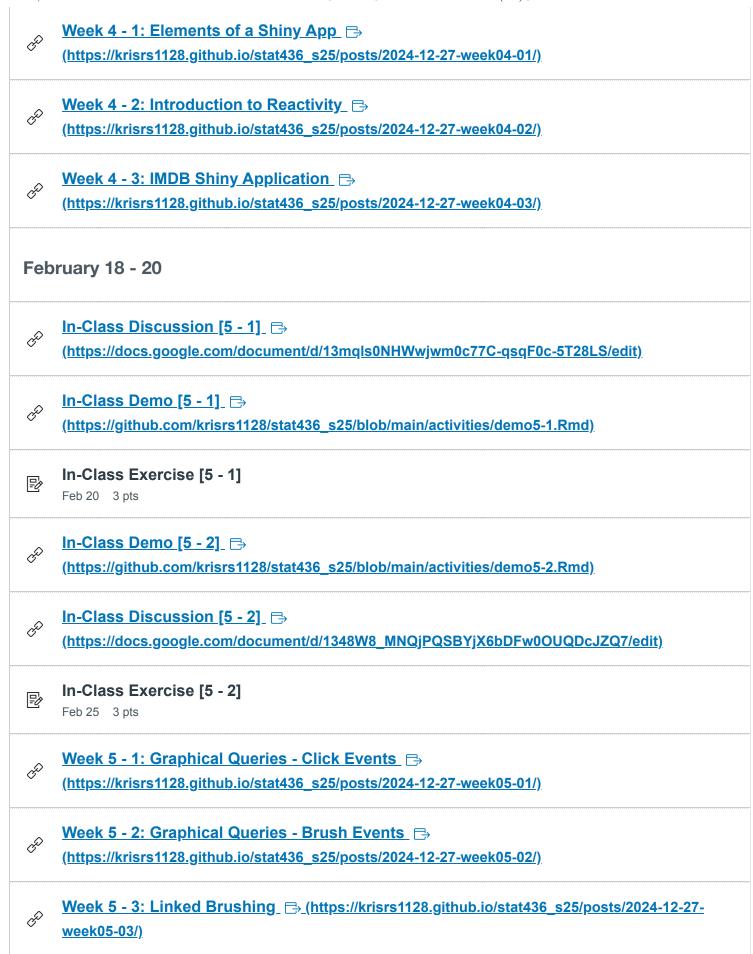
In-Class Exercise [2 - 1]

Jan 30 3 pts



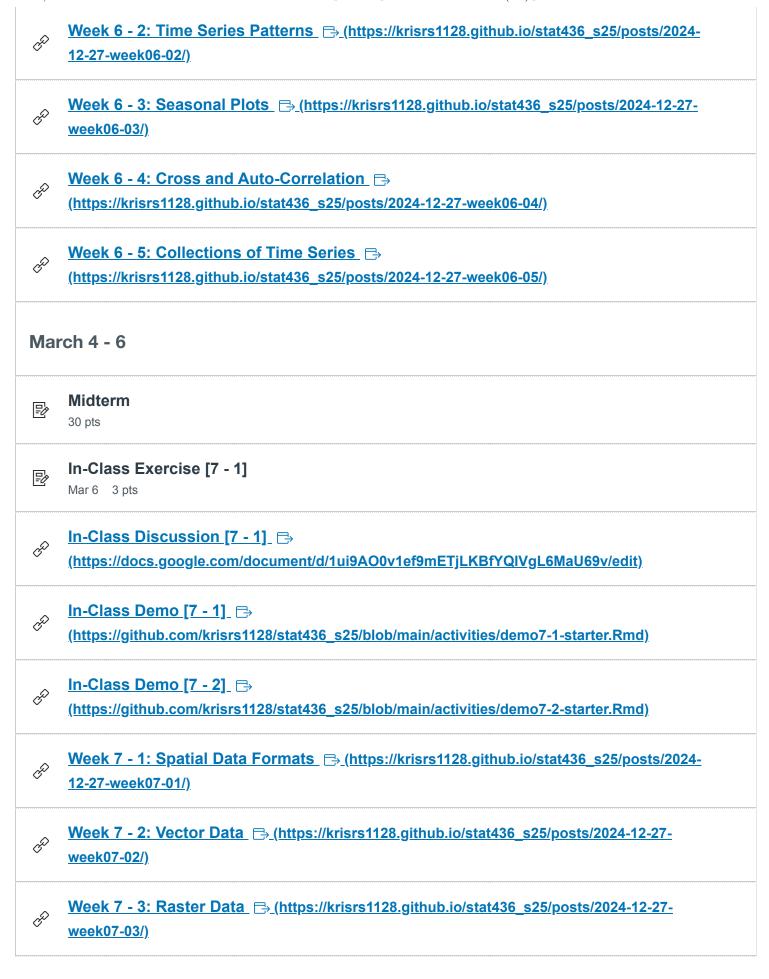


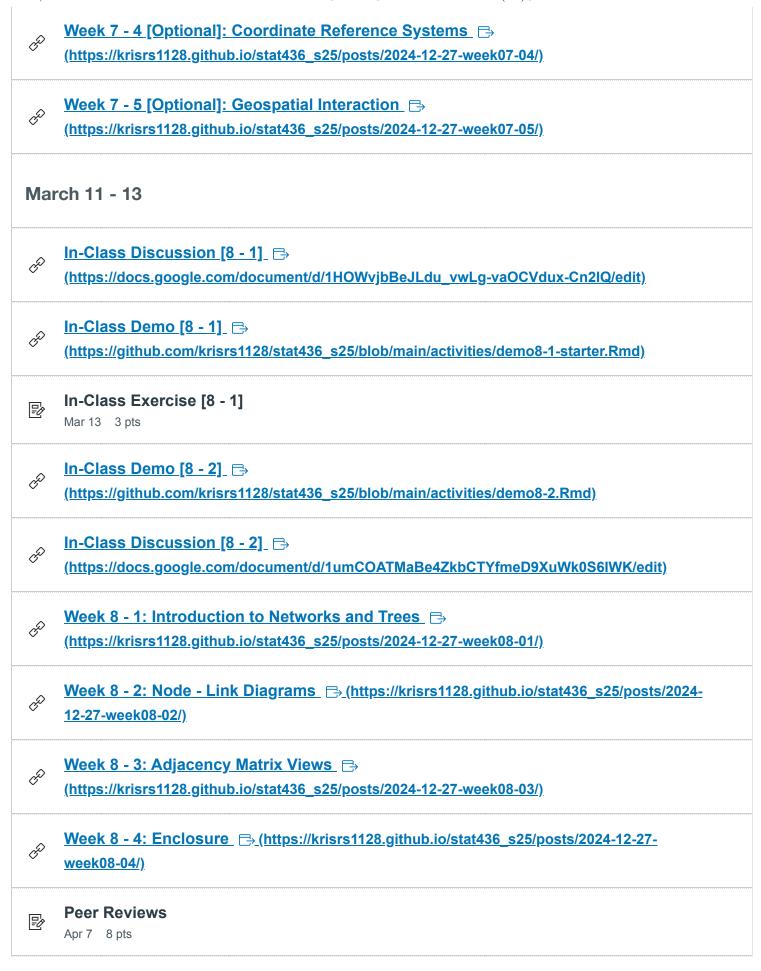




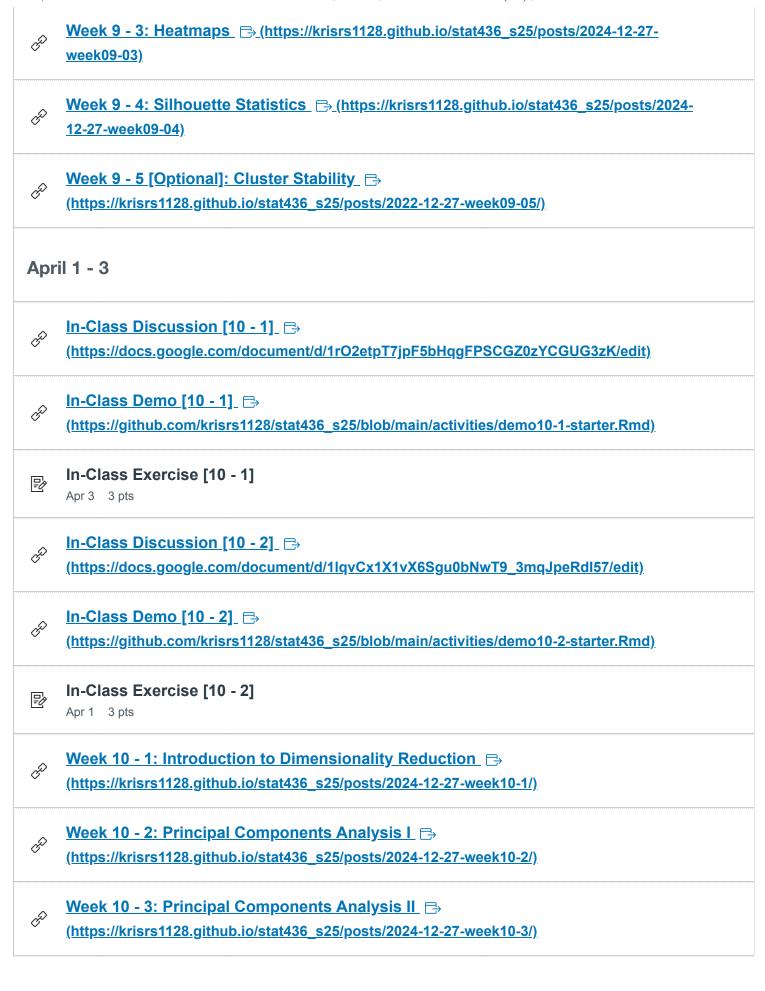


▼ Visualizing Structured Data	
February 25 - 27	
B	Homework 3 Mar 17 20 pts
0	practice_midterm.pdf
0	practice_midterm_solns.pdf
¢\$	In-Class Discussion [6 - 1]
¢\$	In-Class Demo [6 - 1]
	In-Class Exercise [6 - 1] Feb 27 3 pts
ÇÎ	In-Class Discussion [6 - 2]
¢.	In-Class Demo [6 - 2]
	In-Class Exercise [6 - 2] Mar 4 3 pts
CED .	Week 6 - 1: tsibble Objects ☐ (https://krisrs1128.github.io/stat436_s25/posts/2024-12-27-week06-01/)





# Visualizing Models March 18 - 20 **Project Milestone 3: Refinement and Reporting** 學 May 5 35 pts **Project Milestone 3 [Honors Supplement]** 孯 Apr 28 0 pts Homework 4 學 Apr 7 20 pts In-Class Discussion [9 - 1] □ GEO (https://docs.google.com/document/d/10xoUGCX\_OB0Clyil0wcDrQn3xroK8rQA/edit) (https://github.com/krisrs1128/stat436\_s25/blob/main/activities/demo9-1-starter.Rmd) In-Class Exercise [9 - 1] 學 Mar 20 3 pts In-Class Discussion [9 - 2] □ (https://docs.google.com/document/d/1wDVWrizWuR7wX0ggB2v81MIdypmh\_WI9/edit) GO. (https://github.com/krisrs1128/stat436 s25/blob/main/activities/demo9-2-starter.Rmd) In-Class Exercise [9 - 2] 孯 Apr 1 3 pts Week 9 - 1: K-means ☐→ (https://krisrs1128.github.io/stat436 s25/posts/2024-12-27-week09-01/) Week 9 - 2: Hierarchical Clustering ⇒ (https://krisrs1128.github.io/stat436\_s25/posts/2024-12-27-week09-02)





## **April 8 - 10**



#### Homework 5

Apr 28 20 pts



(https://docs.google.com/document/d/1qQz34QfG4kRxRr\_LoYepdPDW5I7FhaGa/edit)



In-Class Demo [11 - 1] □

(https://github.com/krisrs1128/stat436\_s25/blob/main/activities/demo11-1.Rmd)



#### In-Class Exercise [11 - 1]

Apr 3 3 pts



<u>In-Class Discussion [11 - 2]</u> ⇒

(https://docs.google.com/document/d/1zi5XkwC20vU38UPHAkyntflObM2dxHiv/edit)



(https://github.com/krisrs1128/stat436 s25/blob/main/activities/demo11-2.Rmd)



#### In-Class Exercise [11 - 2]

Apr 10 3 pts



(https://krisrs1128.github.io/stat436\_s25/posts/2022-12-27-week11-1/)



Week 11 - 2: Fitting Topic Models 

☐ (https://krisrs1128.github.io/stat436\_s25/posts/2022-

12-27-week11-2/)



(https://krisrs1128.github.io/stat436\_s25/posts/2022-12-27-week11-3)



Week 11 - 4: Topic Modeling Case Study □

(https://krisrs1128.github.io/stat436\_s25/posts/2022-12-27-week11-4/)

### **April 15 - 17**



In-Class Exercise [12 - 1]
Apr 10 3 pts

In-Class Discussion [12 - 2] ⇒

(https://docs.google.com/document/d/1zJlueEHJJKVYISUrdSNdh93ELfH1leH8/edit?usp=drive\_web&ouid=109525462488270807509&rtpof=true)

In-Class Demo [12 - 2] (https://github.com/krisrs1128/stat436\_s25/blob/main/activities/demo12-2-starter.Rmd)

In-Class Exercise [12 - 2]

Apr 22 3 pts

GD.

Week 12 - 1: Partial Dependence Profiles I 

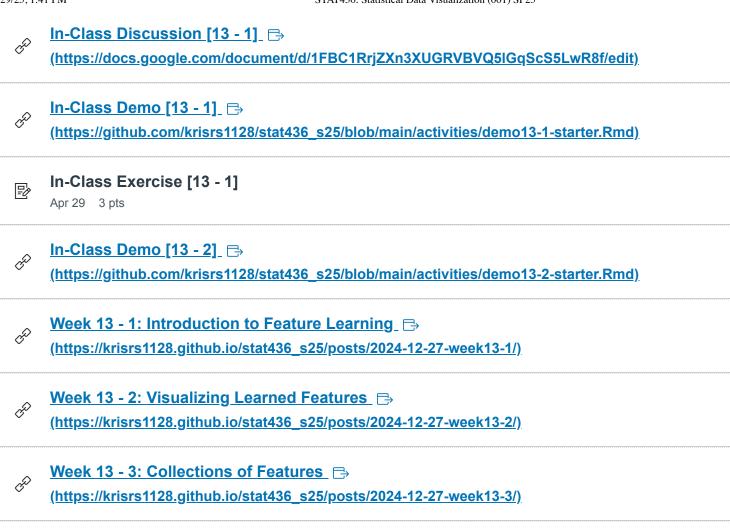
(https://krisrs1128.github.io/stat436 s25/posts/2024-12-27-week12-1/)

Week 12 - 4: Prior and Posterior Predictives (https://krisrs1128.github.io/stat436\_s25/posts/2024-12-27-week12-4/)

Week 12 - 5: Pointwise Diagnostics 

(https://krisrs1128.github.io/stat436\_s25/posts/2024-12-27-week12-5/)

**April 22 - 24** 



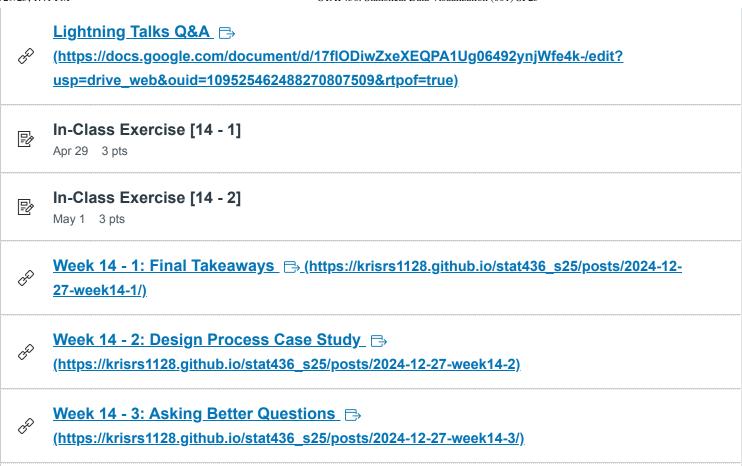


(https://docs.google.com/presentation/d/197wgP6aPI1xNHuD13ZP94UiO59xYSoGA/edit#slide

Week 13 - 4: Optimizing Feature Maps ⇒

(https://krisrs1128.github.io/stat436 s25/posts/2024-12-27-week13-4/)

=id.p1)



Week 14 - 4: A History of Data Visualization up to 1900 (https://krisrs1128.github.io/stat436\_s25/posts/2024-12-27-week14-4/)