Meeting	Date	Topics/Modules	Deliverable
	9/5	*No class (Labor Day)*	
1	9/7	Course introduction	
2	9/12	S1	HW1
3	9/14	P1	Peer review
4	9/19	cont.	HW2
5	9/21	P2	Peer review
6	9/26	cont.	HW3
7	9/28	cont.	Peer review
8	10/3	A1	HW4
9	10/5	P3, D1	Peer review
	10/6		Excel CC 0
	10/10	*No class (Indigenous Peoples' Day)*	Excel CC 1
10	**10/11**	*Tuesday class* S2, P4	
11	10/12	A2, D2, S3	
	10/15		Excel CC 2 (opt.)
12	10/17	P5	HW5
13	10/19	S4, D3	Peer review
14	**10/24**	*Meeting 8:15–10:00am or 12:45–2:30pm* A3	Midterm project
15	10/26	S5	
16	**10/31**	*Meeting 8:15–10:00am or 12:45–2:30pm* A3	Ethics report
17	11/2	S6, A4	
18	11/7	A5	HW6
19	11/9	P6	Peer review
20	11/14	A6	HW7
21	11/16	cont.	Peer review
22	11/21	D4	
	11/23	*No class (Thanksgiving break)*	
23	11/28	A7	
24	11/30	A8	
25	12/5	Group presentations	Final project
26	12/7	Group presentations *(Final exam distributed)*	Market report

		(Final exam distributed)	
12/12		*No class (Final exam due)*	Final exam

Modules

Python

Module	Topic	Resources
P1	Introduction to Python	TP 1–3, 8, 10–12 WTP 1–7 CfE Getting Started 1, Coding 3, Getting Started 2.1–2.8 PESDA 2, 4, 10 PDA 2.3, 3.1
P2	Control flow and data structures	TP 5–7 WTP 8–14 CfE Getting Started 2.9–2.16 PESDA 12 PDA 3.2
P3	Data manipulation	PDSH 3 PESDA 8–9, 16 CfE Data 1, Data 2 PDA 5, 7–8, 10-12
P4	Visualization	PDSH 4.14 Seaborn Tutorial API overview and Plotting functions
P5	Regression and statistics	PESDA 21
P6	Numerical Python	PDSH 2 PDA 4 PESDA 3, 11, 19

Statistics and Inference

Module	Topic	Resources
S1	Introduction to data	IMS 1–3
S2	Exploratory data analysis (EDA)	IMS 4–6
S3	Regression modeling	IMS 7–10
S4	Foundations of inference	IMS 11–15
S5	Statistical inference	IMS 16–23
S6	Inferential modeling	IMS 24–27

Financial Data

Module	Topic	Resources

D1	pandas-datareader	[datareader documentation](#)
D2	Bloomberg	TBA
D3	WRDS	[WRDS](#) Data documentation, Classroom, Research [WRDS Python Data Access Library](#)
D4	Alternative data	TBA

Microsoft Excel

Excel will be used throughout the course, with coverage not divided into explicit modules.

Financial Applications

Module	Topic	Resources
A1	Fixed income	TBA
A2	Equity returns	TBA
A3	Professional ethics	TBA
A4	Foreign exchange	TBA
A5	Factor models	TBA
A6	Capital budgeting	TBA
A7	Derivatives	TBA
A8	Equity portfolios	TBA

This project is maintained by [lukestein-classes](#)