

ECON 346**Fall 2021**

Week	Topic	Dates	Lec/Lab	Topic	Assignment
1	Intro	24-Aug	Lec	<i>Intro</i>	
		26-Aug	Lab	Calculate with R	
2		31-Aug	Lec	<i>Data Sources, course plan</i>	
		2-Sep	Lab	Make growth rates	
3	Summary Stats	7-Sep	Lec	<i>Mean, SD</i>	HW1
		9-Sep	Lab	Min, Max, Median	
4		14-Sep	Lec	<i>Correlation</i>	HW2
		16-Sep	Lab	Inflation correlations; Spearman w/outlier	
5	Data Visualization	21-Sep	Lec	<i>Principles (design, font, conveying info); commands</i>	
		23-Sep	Lab	Correlation scatterplot	
6		28-Sep	Lec	<i>More principles: Lines, etc.</i>	HW3
		30-Sep	Lab	Histogram, ts.plot()	
7	Distributions	5-Oct	Lec	<i>Compendium</i>	
		7-Oct	Lab	Find critical values, etc. in R	
8	Hypothesis Testing	12-Oct	Lec	<i>Intuition</i>	
		14-Oct	Lab	t-test	HW4
9		19-Oct	Lec	<i>Various tests</i>	
		21-Oct	Lab	F-test	
10	Misc. topics/Regression	26-Oct	Lec	<i>Understanding regression</i>	HW5
		28-Oct	Lab	Set up a regression	
11		2-Nov	Lec	<i>Loops, packages, etc.</i>	
		4-Nov	Lab	Print an item in a loop	
12	Time Series	9-Nov	Lec	<i>Basic concepts</i>	
		11-Nov	Lab	Make a ts()	
13		16-Nov	Lec	<i>Differences, seasonality, etc.</i>	HW6
		18-Nov	Lab	Difference a series/plot and analyze	
14	Project	23-Nov	Lab	Work day (final project)	
15	Project	30-Nov	Lab	Work day (final project)	
		2-Dec	FINAL	Final project due	Project