

Readings		Lecture	Quiz	Assignment
Week 1				
T	27-Aug			R and Rstudio refresher/ data structures
At Home		Broman and Woo (2017)		Making Data sheets for the field versus analysis
Week 2				
T	3-Sep	Lowndes et al. 2017 (Nature Eco Evo)	1	Tools for reproducible research (Github)
At Home		R4DS Ch4, Ch6		Set up your file structure and make a script
Week 3				
T	10-Sep	Healy Ch 1, R4DS Ch 3	2	Practice with ggplot
At Home		Wilke Ch 1-5		More ggplot
Week 4				
T	17-Sep	R4DS Ch 5, Ch 11	3	Practice with dplyr
At Home		R4DS Ch 12, 18		Practice with tidyr
Week 5				
T	24-Sep	R4DS Ch 13	4	Practice different types of joins
At Home		R4DS Ch 16		Practice with dates and times
Week 6				
T	1-Oct	R4DS 27,29	5	Practice with Rmarkdown
At Home				Practice with Rmarkdown
Week 7				
T	8-Oct	Wilke Ch 15, Healy Ch 7	6	Make a map/ Good plot/Bad plot lab Directions
At Home				
Week 8				
T	15-Oct	R4DS 19	7	Write a function

At Home			Fun advanced plotting (gganimate, etc)		
T	22-Oct	R4DS Ch 14,15	Working with strings and regex	8	Final project proposal due
At Home			Working with factors		Working with words
Week 9					
T	29-Oct		<b>Goodplot/Badplot presentations</b>	9	
At Home			TidyTuesday Plot		
Week 10					
T	5-Nov		Election Day - No class Go Vote		Work on independent project
At Home			TidyTuesday Plot		
Week 11					
T	12-Nov	Mastering Shiny Ch1	Intro Shiny apps	10	Shiny apps
At Home			TidyTuesday Plot		
Week 12					
T	19-Nov		How to ask for help (googling, stack overflow, and Reprex)	11	Make a reprex
At Home			TidyTuesday Plot		
T	26-Nov		Work on Independent Project	12	No in person class, Thanksgiving week
At Home			TidyTuesday Plot		
Week 13					
T	3-Dec	R4DS Ch 21	Iterative data (for loops and map functions)	13	Practice loops, etc
At Home			TidyTuesday Plot		
Week 14					
T	10-Dec		Models part 1 and 2 (many models with broom) - <b>Final presentations (5 students)</b>	14	practice with lots of models
At Home			TidyTuesday Plot		
Week 15					
T	17-Dec		<b>Final project presentations (10 students)</b>	15	<b>Final project presentations</b>