

MSACL Connect : Data Science 101 : Short Course

Breaking up with Excel : An Introduction to the R Statistical Programming Language

with *Daniel Holmes, David Lin**, *Lindsay Bazydlo** & *Shannon Haymond*

**Teaching Assistants*

4-Day Short Course Schedule

October 17 -20, 2020 : Saturday - Tuesday

ALL TIMES ARE PACIFIC (Los Angeles)

Saturday

Time	Activity	Instructor
7:45 - 8:00am	<i>Networking & Discussion</i>	Group
8:00 - 9:00am	Navigating R Studio and the R command line	S Haymond
9:00 - 9:10am	BREAK	
9:10 - 10:00am	Data Types I	D Holmes
10:00 - 10:10am	Q&A session	Group
10:10 - 12:00pm	LUNCH BREAK	
12:00 - 1:00pm	Data Types II	S Haymond
1:00 - 1:10pm	BREAK	
1:10 -2:00pm	Reading in Data and Basic Sanity Checking	D Holmes
2:00 - 2:10pm	Q&A session	Group
2:10 - 3:00pm	<i>Virtual HH / Office Hrs</i>	Group



Sunday

Time	Activity	Instructor
7:45 - 8:00am	<i>Networking & Discussion</i>	Group
8:00 - 9:00am	Regression	S Haymond
9:00 - 9:10am	BREAK	
9:10 - 10:00am	Things with Strings and Tools for Data Cleansing	D Holmes
10:00 - 10:10am	Q&A session	Group
10:10 - 12:00pm	LUNCH BREAK	
12:00 - 1:00pm	Meet the 'tidyverse' - Pivot, Join, Filter, and Clean	S Haymond
1:00 - 1:10pm	BREAK	
1:10 - 2:00pm	Piping, Mutating, and Summarizing I	D Holmes
2:00 - 2:10pm	Q&A session	Group
2:10 - 3:00pm	<i>Virtual HH / Office Hrs</i>	Group



Monday

Time	Activity	Instructor
7:45 - 8:00am	<i>Networking & Discussion</i>	Group
8:00 - 9:00am	Piping, Mutating, and Summarizing II	S Haymond
9:00 - 9:10am	BREAK	
9:10 - 10:00am	Lubridate	D Holmes
10:00 - 10:10am	Q&A session	Group
10:10 - 12:00pm	LUNCH BREAK	
12:00 - 1:00pm	Functions, Conditional Responses and Loops	S Haymond
1:00 - 1:10pm	BREAK	
1:10 - 2:00pm	Functions, Conditional Responses and Loops II	D Holmes
2:00 - 2:10pm	Q&A session	Group
2:10 - 3:00pm	<i>Virtual HH / Office Hrs</i>	Group



Tuesday

Time	Activity	Instructor
7:45 - 8:00am	<i>Networking & Discussion</i>	Group
8:00 - 9:00am	ggplot	S Haymond
9:00 - 9:10am	BREAK	
9:10 - 10:00am	ggplot II	D Holmes
10:00 - 10:10am	Q&A session	Group
10:10 - 12:00pm	LUNCH BREAK	
12:00 - 1:00pm	File operations	S Haymond
1:00 - 1:10pm	BREAK	
1:10 - 2:00pm	Open ended session	D Holmes
2:00 - 2:10pm	Q&A session	Group
2:10 - 3:00pm	<i>Virtual HH / Office Hrs</i>	Group