Lecture	Videos	Python	R	Assignments
Introduction				
Data				
Computers	Environment Set Up			
Coding	Python Basics R Language	Intro Functions and Loops	R Language Part I R Language Part II	A1: Flow Control A2: File/Folder Processing A3: Functions I A4: Functions II
Version Control	Git/Version Control Notebooks Markdown R Markdown			
Exploring Data				
Data Engineering	Python for Data Science	NumPy Pandas Graphing	Data Queries and Manipulation Strings and Factors Summarization/Statistics Graphs with ggplot I Graphs with ggplot II R Markdown	A5: DC vs. Marvel A6: County Query/Summary A7: County Graphs A8: Skyrim/Elden Ring A9: Time Series Graphs A10: Graph Editing A11: Coal Quality A12: Periodic Table A13: Exoplanets
Inference		Inference	Data Summarization and Statistics	A14: Manual T-Test A15: ANOVA Sample Size
Modeling		Inference	Regression	A16: Single Regression A17: Multiple Regression
Assessment				A18: Assessment
Machine Learning				
Improving Models		Machine Learning EBMs	ML with Random Forest ML with tidymodels	A19: ML Random Forest A20: ML Algorithm Compare A21: ML Feature Space
Bonus: SQL				
Conclusions				