This rubic breaks the mock interview into several key objectives. Each one is scored from 1 to 5.			
Students must score an average of 3.5 to pass.			
Objective	Rate 1	Rate 3	Rate 5
Data/Questions			
Data set choice	The student chooses a dataset that is either trivially small or otherwise inappropriate for analysis	The student picks a dataset that is in some way significantly flawed or incompatible with their desired analysis and does not appropriately navigate those challenges. (IE data is only from a specific subset of the population or has some knowable bias).	The student picks a robust data set, understands its provenance, and accomodates any relevant outside information or assumptions
Questions	The student asks overly simple questions that are answerable in single lines of code	The student approaches the questions with multiple steps, but presents only a single perspective or is disjointed in the approach.	The student chooses complex questions and then breaks them down to either multiple subquestions or presents different ways of reaching a conclusion and evaluates those merits. The questions also build on each other, leading to robust and engaging conclusions.
General Clarity/Structure	The student's report is unstructured or difficult to read.	The student provides some structure but it still contains moments where it is easy to lose the narrative or flow of questions.	The report is easy to read and uses appropriate markdown to give it a nice presentation and flow.
Code			
Python Essentials	The student is writing unorganized, unintelligible code.	The code has a structure to it, but is redundant and heavily reliant on bad practices like copy/pasting or contains code that is no longer used.	The student writes good, clean, coherent code.
Pep8	Student is living in the wild west of code style.	There are some critical errors in pep8 styling, like inappropraite spacing or bad variable names	The code is fully or almost fully pep8 compliant.
Data Science Toolkit	The student is doing some work outside of python or not using data science tools where appropriate	The student uses some data science tools, but occasionally reverts to other structures in Python	The student is using the data science toolkit and creating easy to understand data structures like well labeled pandas dataframes rather than matricies.
Analysis			
Visualizations - Visual Elements	Plots are unlabeled and unreadable	Some plots may lack a few labels but they are generally readable	Visuals are easily and independently readable, presenting robust conclusions that are easy to understand
Visualizations - Statistical Elements	The student relies on at most one type of visualization, even when others are more appropriate	The student tries to use multiple types of visual, but occasionally picks an inappropriate visual for a given question	The student uses a wide variety of visualizations, with each visual presenting concise information in the best possible way.
Summary and General Statistics	The student does not use summary statistics.	The student conducts some summary statistics to balance out visuals, but they are not always the most effective for their narrative	The student uses summary stats and statistical tests to compliment their visuals ina clear and compelling way.