

Data Scientist Assignment



The goal of this assignment is to demonstrate your ability to derive meaningful insights from a real-world data set, to communicate and contextualize findings, and, most importantly, to showcase your creativity and analytical rigor in generating and testing hypotheses. The assignment is intentionally unspecific and exploratory in nature; your task is to formulate a clear research framework, questions, and findings.

The [data set](#) at hand covers passenger airline travel within the United States from 1987 to the present and can be accessed here. We've also attached additional data on carriers and airport locations. We encourage you to merge the air traffic data with other data sets to contextualize your investigation. Mindful of the time we are giving you to complete this assignment, we recommend somewhat narrowly focusing your investigation. For example, imagine you are working as data scientist at one of the Airline companies and you were given the problem of comparing and optimizing performance for that company.

We're looking for a few page document that summarizes your investigation and your findings. Please complete assignment upon a week of receipt.