Project Outline:

Our project looks to analyze all commercial airline flights in the US and look for pattern around timeliness of departures and arrivals, if flights are delayed, what is the main reason for this (weather, mechanical issues etc) and how they vary by airline, geography and time of year.

Data sources include FAA, and maybe google geomapping to build heat maps around delays and maybe weather api to bring in weather patterns

Need to create a 6-8 minute presentation describing the process and our findings

Technical requirements:

Use Pandas to clean and format the data set

Use Jupyter for Data exploration, clean up process and final data analysis

Create 6-8 visualizations of the data (charts should ideally be two per question)