# Project Title:

Airline Pricing to fly or not to fly?

# Team Members:

Shira Orlowek, Stephen Murphy, Maggie Brink, & Daniel Parmet

# Project Description/Outline:

Use Kiwi’s tequila API as a proxy for buying options. For scope, we will limit the airlines to the big three [Delta, American, United]. We will look at five most populated domestic routes based out of ORD. For scope, we will look at the next 6 months.

# Research Questions to Answer: [6 graphs]

1. Best day of the week to fly on? / Each Route / Each Airline
2. Best day of the week/time to buy? / Each Route / Each Airline
3. Best range to buy? 1 day out? 30 days? 60 days? / Each Route / Each Airline

# Data Sets to be Used:

Kiwi’s tequila API

# Rough Breakdown of Tasks:

Repo Master: Shira

Kiwi’s tequila API: TBD

Project Master: Daniel

Master Jupyter Notebook: Shira

Data Cleanup: Everybody

Powerpoint Presentation Creation: Maggie

Presentation: TBD