**The Flight is Right!**

# Predicting Future Flight Prices

**Abstract**

My client, *Findia*, is seeking to gain 15% more of the digital financial planning market by incorporating new tools & features into its app. The goal of this project is to first scope out the data and explore if there any patterns in airline prices that can potentially be exploited to our customers’ advantage. If so, Findia would like to invest in developing a sliding scale tool for future price predictions.

**Design**

The database provided by Kaggle was downloaded, cleaned, and massaged to create a basis file for the rest of the analysis. Pivot tables were used to quickly group different features that could be charted and inspected gor anomalies. Outliers and items of interest were visualized in Tableau.

**Data**

This has 300,261 rows of data (over 17,000 unique flights) scraped from a booking site called “Ease My Trip”. The data was collected for 50 days (February 11th - March 31st, 2022) and has 11 features:

1. Airline company
2. Flight Code
3. Source City
4. Destination City
5. Departure Time
6. Arrival Time
7. Stops
8. Class
9. Duration
10. Days Left until Departure
11. Price

**Tools**

* Excel – pivot table analysis
* Tableau - visualizations

**Communication**

Slides will be available on my Github.