

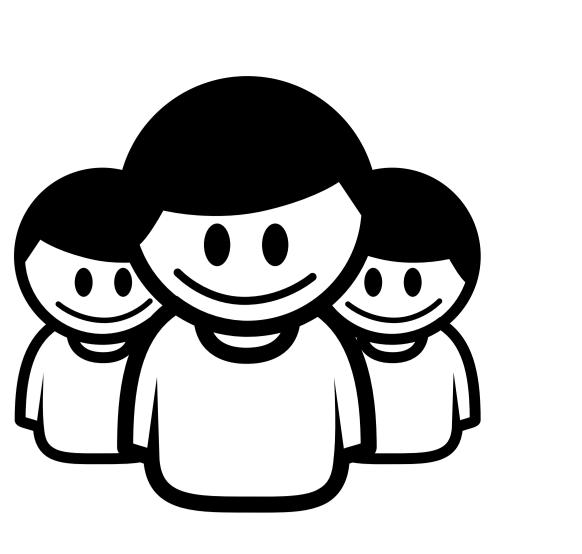
Flight price prediction

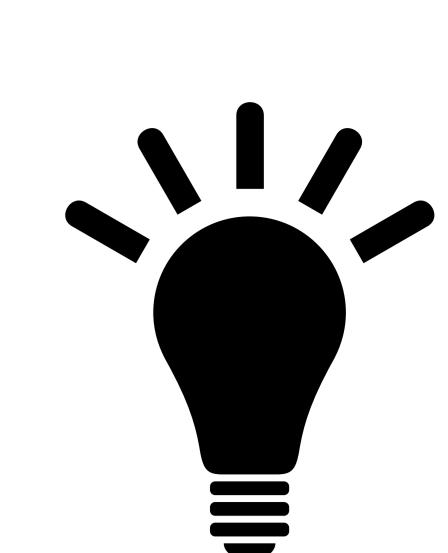


Brainstorm Ideas for Flight Price



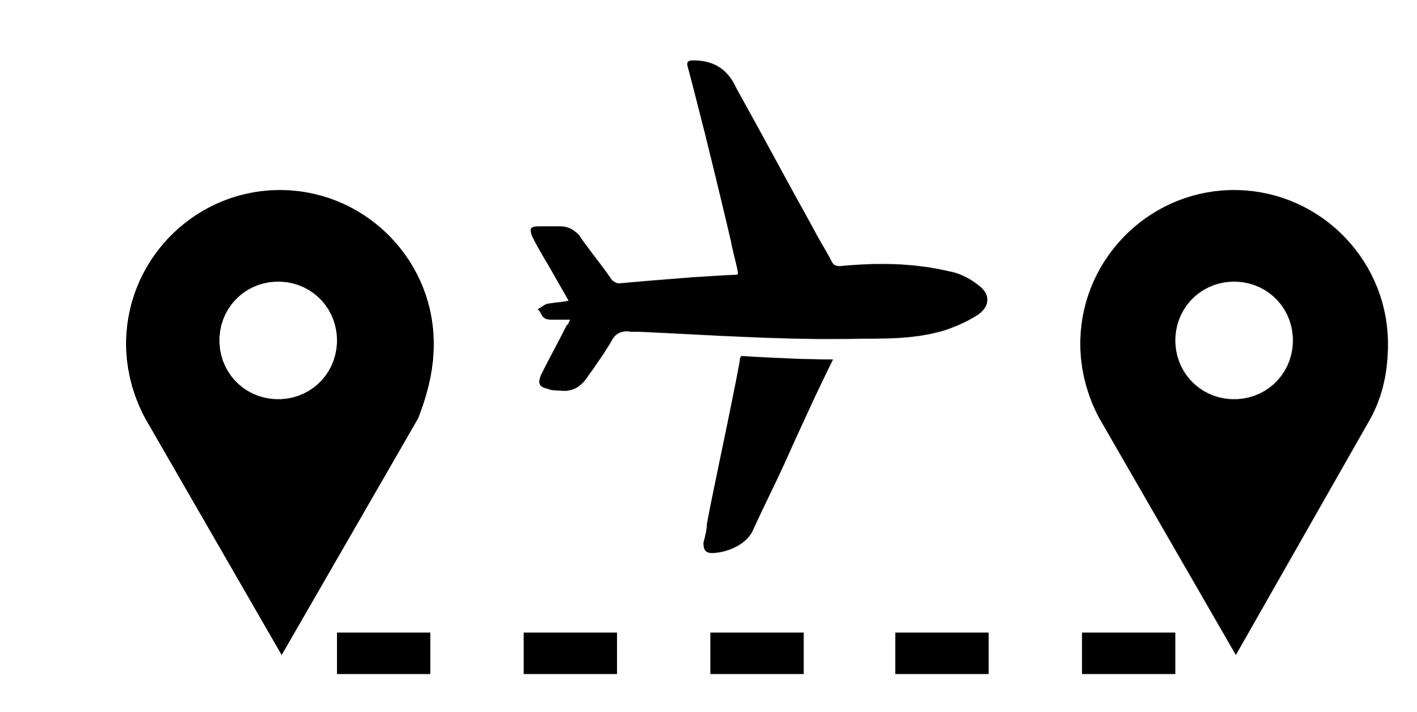
Group ideas





PROBLEM

- *Complexity and Variability of the factors that can influence the price of the flight
- *For Business purpose many airline companies changes prices according to the season or time duration.
- *External factors such as Weather Condition, Economic changes and Unexpected events etc.



- * Historical Data Analysis: Analyze the historical data of flight prices to identify patterns and trends that can be used to predict future prices
- * Analyse the weather data to predict the flight ticket price



Person 1

Data Analysis: Collect and analyze historical data on flight

Using

Monitor the pricing strategies of competing airlines

Person 2

Random Forest Algorithms

Track economic indicators such as inflation, and fuel prices

Machine Learning: a model that can predict flight prices

> Using KNN

Person 3

Price Prediction using public data sources

Social Media Analysis: a platforms to determine travel patterns and preferences

Person 4 Weather Forecasting: Incorporate

weather data

into the prediction

Decision

Collect and historical data

Using

Weather

Forecasting:

Incorporate

weather data into

airlines Machine Learning: a model that can predict

flight prices Price Prediction

sources

Monitor the

pricing

Social Media Analysis: a platforms to determine travel patterns and

preferences

Decision Tree

Track economic indicators such as inflation, and fuel prices

Using Random Forest Algorithms