**Flight Price Prediction Project**

In this project I gave the broad information about model building of “Flight Price Prediction Project” through linear regression/Random Forest regressor/Decision tree regressor and out of that find the best model.

The data consists of records of randomly 4104 rows and 11 features.

* Let’s talk about the scraping of data.

This task will be done in following steps:

1. first get in to the webpage **yatra.com**:

After entering in to the web page. I searched flight for some places and decided to collect the data with less flight frequency.

1. Enter “Nagpur” in “Source” field and enter “Mumbai” in destination field:
2. Then click the search button.
   1. I had collected almost 600rows for Nagpur to Mumbai flight
   2. Similarly collect the data for Mumbai to new Delhi In which frequency of flights are large and distance is also large as compare to previous one
   3. Then collect data from Bangalore to Ahmedabad in which frequency of flights are huge as well as distance is also very large.
   4. Finally collected the data from Delhi to Calcutta and get 4104 rows and 10 columns
3. The columns are:

airline name, date of journey, source, destination, departure time, arrival time, duration, total stops and the target variable price.

1. Finally create a dataframe of the scraped data
2. Convert that dataframe in to csv file.