Problem Statement:

The flight ticket price in India is based on demand and supply model with few restrictions on pricing from regulatory bodies. It is often perceived as unpredictable and recent changesin pricing scheme added to the confusion. The objective is to create a machine learning model for predicting the flight price, based on historical data, which can be used for reference price for customers as well as airline service providers

Train data size: 10683 records

Test data size: 2671 records

FEATURES: Airline: The name of the airline.

Date_of_Journey: The date of the journey

Source: The source from which the service begins.

Destination: The destination where the service ends.

Route: The route taken by the flight to reach the destination.

Dep_Time: The time when the journey starts from the source.

Arrival_Time: Time of arrival at the destination.

Duration: Total duration of the flight.

Total_Stops: Total stops between the source and destination.

Additional_Info: Additional information about the flight

Price: The price of the ticket