PROJECT

Flight Ticket Price Prediction

Price Prediction (Regression)

Analytixpro - Project - 0011

Business Case:

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 dynamic 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.

Project Goal:

Creating a machine learning for predicting flight ticket price with high accuracy.

Feature Details:

- 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