Optimizing Flight Booking Decisions through Machine Learning Price Predictions

Define Problem / Problem Understanding

Literature Survey

As the data is increasing daily due to digitization in the banking sector, people want to apply for loans through the internet. Machine Learning (ML), as a typical method for information investigation, has gotten more consideration increasingly. Individuals of various businesses are utilizing ML calculations to take care of the issues dependent on their industry information. Banks are facing a significant problem in the approval of the loan. Daily there are so many applications that are challenging to manage by the bank employees, and also the chances of some mistakes are high. Most banks earn profit from the loan, but it is risky to choose deserving customers from the number of applications. There are various algorithms that have been used with varying levels of success. Logistic regression, decision tree, random forest, and neural networks have all been used and have been able to accurately predict loan defaults. Commonly used features in these studies include credit score, income, and employment history, sometimes also other features like age, occupation, and education level

Currently, numerous individuals and organizations are grasping the mobile aircraft reservation system. Reservation systems had been actualized in numerous parts of the world for quite a long time, at first from manual to electronic reservation system.

Portable, airline, transport ticketing and mechanized reservation systems are adequately expanding in the market. Because of the wild rivalry in the airline area. Associations inside this segment are creating systems that will enhance their services to customers.

Subsequently, a mechanized seat reservation system has kept on being an open territory of research. The target of this paper is to build up a portable airline situate reservation system that will help general society in picking up a simpler and

speedier path for situate reservation and furnishing them with more alternatives to book a ticket for traveling on real time.

Airline Reservation in creating nations is completed either manually or electronically. Either techniques, reservation and payment activities are done in piece-feast mold; this is cost restrictive, tedious and monotonous prompting wastefulness.