Hotel Booking EDA + Cancelation prediction

In This project we will apply techniques of Exploratory Data Analysis (EDA) to discover patterns in the data, and then apply basic machine learning methods to predict if a booking will be cancelled in the future or not

The dataset includes all the bookings of two hotels along with information about the guests, the room types, check-in and check-out dates, etc

Question/need -

From where the most guests are coming

 Which are the most busy months

How long do people stay at the hotels

Data Description -

This data set contains booking information for a city hotel and a resort hotel, and includes information such as when the booking was made, length of stay, the number of adults, children, and/or babies, and the number of available parking spaces, among other things

The dataset that we will used is from Kaggle

Tools -

EDA

 Data Preparation

   Missing Data

   Categorical Data

Model training

    Logistic Regression

    K Nearest Neighbors (KNN)

    Decision Tree Classifier