Capstone Project Submission

Contributers

Paras

- Data Discovery - Data import, data description , understanding variables.
- Data Wrangling - removing unnecessary columns , null values imputation
- Exploratory Data Analysis - bar charts, pie charts, scatterplots , histograms etc.

Github Link

- https://github.com/ParasChopra611/AlmaBetter/tree/main/Module%202%20AirBnB%20Booking%20Analysis

Google Drive link
- https://drive.google.com/drive/folders/1iAjgf5Ny06EfaqxHQnuyG9s6Pb4AlDZm?usp=sharing

Summary

AirBnB is an online marketplace for rental properties founded in America. We analyzed the given data consist of around 49000 columns. We were given a dataset of 49000 entries & 16 variables. Our objective is to analyze the data & find the key factors that influence the property listings. We will use the techniques of Data Discovery, wrangling & exploratory data analysis to analyze the data to gain insights that will help the organizations make better informed decisions so that they could work efficiently.

The Project is divided into various parts

Data discovery - where we import the data & get some information about the data,

Data cleaning / wrangling - where we will check the data for any inconsistencies & clean the data to make it more useful for later steps,

EDA or exploratory data analysis - where we will analyze the data using charts & statistics [if necessary]. This can help us finding valuable insights that we can use to make decisions that will help our organization to increase their profits.