

# Data Analytics

## Hotel Booking

Have you ever wondered when the best time of year to book a hotel room is? Or the optimal length of stay in order to get the best daily rate? What if you wanted to predict whether or not a hotel was likely to receive a disproportionately high number of special requests?

This hotel booking dataset can help you explore those questions!

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.

All personally identifying information has been removed from the data.



Checking null values after clearing them in each column

find correlation between each data

check the number of duplicated values

drop the duplicates permanently

Choking unique 'Hotel' column

Checking Total number of 'hotel'column

Create Count plot on single categorical variable 'hotel'

count the number of visitors canceled in Total (Using groupby function)

analyse which hotel gets cancelled the most by the customers (Using Seaborn Countplot)

count the visitors in each week (Using groupby function )

count the number of meal

count the number of adults in each hotel

Click [HERE](#) to access Dataset.