

Hotel Booking Demand Project Proposal

Nora Alsaadi

Noralsadi1@gmail.com

Question/need:

- When the best time of year to book a hotel room is?
- What 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?

Data Description:

The data is originally from the article [Hotel booking demand datasets](#), this data set contains a single file which compares various booking information between two hotels: 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 the number of available parking spaces, among other things.

This hotel reservation dataset can help you to discover the best time of the year to book a hotel room, or the optimal length of stay in order to get the best daily rate.

Tools:

- **Technologies:** Python using Jupyter notebook.
- **Libraries:** Pandas, Numpy, Matplotlib and Seaborn.