



Project proposal

Hotel booking demand

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Idea

Have you ever wondered when the best time of year to book a hotel room is? Using the following dataset we will answer this question. Helping customers to be satisfied and Hotels can use this statistics to improve their services and gain more sales.

Dataset

<https://www.kaggle.com/jessemostipak/hotel-booking-demand>

Proposed solution

We are going to build a predictive model to find out what is the best **Time of the year to book a hotel room**. We will use Multilinear Regression for building our model. Through an android application the user can choose the desired hotel then the model will predict the best time for booking a room in this hotel.