Hotel booking demand

**About this file**

This data set contains a single file which compares various booking information between two hotels: a city hotel and a resort hotel.

Data Card

Code (409)

Discussion (26)

arrow\_drop\_up2172

**New Notebook**[file\_download**Download (1 MB)**](https://www.kaggle.com/datasets/jessemostipak/hotel-booking-demand/download?datasetVersionNumber=1)

more\_vert

**About Dataset**

**Context**

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!

**Content**

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.

**Acknowledgements**

The data is originally from the article [**Hotel Booking Demand Datasets**](https://www.sciencedirect.com/science/article/pii/S2352340918315191), written by Nuno Antonio, Ana Almeida, and Luis Nunes for Data in Brief, Volume 22, February 2019.

The data was downloaded and cleaned by Thomas Mock and Antoine Bichat for [#TidyTuesday during the week of February 11th, 2020](https://github.com/rfordatascience/tidytuesday/blob/master/data/2020/2020-02-11/readme.md).

**Inspiration**

This data set is ideal for anyone looking to practice their exploratory data analysis (EDA) or get started in building predictive models!

If you're looking for inspiration on data visualizations, check out the [#TidyTuesday program](https://github.com/rfordatascience/tidytuesday), a free, weekly online event that encourages participants to create and share their [code and visualizations for a given data set on Twitter](https://twitter.com/search?q=%23TidyTuesday&src=typed_query).

If you'd like to dive into predictive modeling, [Julia Silge](https://twitter.com/juliasilge) has an [accessible and fantastic walk-through](https://juliasilge.com/blog/hotels-recipes/) which highlights the [tidymodels](https://www.tidyverse.org/blog/2018/08/tidymodels-0-0-1/%22%20%5Ct%20%22_blank) R package.