

Hotel Reservations and Cancellations

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Over the past couple years hotels have experinced a higher volume of hotel cancellations and no-show reservations resulting in a loss of revenue. Many reservations are cancelled last minute due to free cancellations or offered to them at a lower cost by these hotels. We will evalute the following data set to see if there are outlining reasons that can lead customers to cancelling a reservation.

The dataset that we will be looking at is the Hotel Reservations data set showing various data on the type of booking along with how many guests to what meal type they have reserved. We will see what factors that could be affecting their decision to either go through with their booking or end up cancelling it. The data shows bookings from 2017 and 2018 made publicly available through Kaggle.

```
install.packages("tidyverse")
```

```
## Installing package into '/cloud/lib/x86_64-pc-linux-gnu-library/4.4'  
## (as 'lib' is unspecified)
```

```
install.packages("ggplot2")
```

```
## Installing package into '/cloud/lib/x86_64-pc-linux-gnu-library/4.4'  
## (as 'lib' is unspecified)
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```
install.packages("lubridate")
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## Installing package into '/cloud/lib/x86_64-pc-linux-gnu-library/4.4'  
## (as 'lib' is unspecified)
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```
install.packages("janitor")
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## Installing package into '/cloud/lib/x86_64-pc-linux-gnu-library/4.4'  
## (as 'lib' is unspecified)
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```
install.packages("skimr")
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```
## Installing package into '/cloud/lib/x86_64-pc-linux-gnu-library/4.4'  
## (as 'lib' is unspecified)
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```
install.packages("here")
```