

Resort Project

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2023-01-09

R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
summary(cars)
```

```
##           speed           dist
##  Min.      : 4.0      Min.      : 2.00
##  1st Qu.:12.0      1st Qu.: 26.00
##  Median :15.0      Median : 36.00
##  Mean   :15.4      Mean    : 42.98
##  3rd Qu.:19.0      3rd Qu.: 56.00
##  Max.    :25.0      Max.     :120.00
```

```
#data minig
```

```
getwd()
```

```
## [1] "C:/Users/junhy/Documents/Github/rayjkwon.github.io"
```

```
library(dplyr)
```

```
##
```

```
## Attaching package: 'dplyr'
```

```
## The following objects are masked from 'package:stats':
```

```
##
```

```
##      filter, lag
```

```
## The following objects are masked from 'package:base':
```

```
##
```

```
##      intersect, setdiff, setequal, union
```

```

hotel <- read.csv("hotel_bookings.csv")

resort <- filter(hotel, hotel == "Resort Hotel")

resort$meal_num <- ifelse(resort$meal == 'BB',1,ifelse(resort$meal == 'FB',2,ifelse(resort$meal == "HB",3,0)))
resort$depo_num <- ifelse(resort$deposit_type == "No Deposit", 1, ifelse(resort$deposit_type == "Refundable", 2, 0))

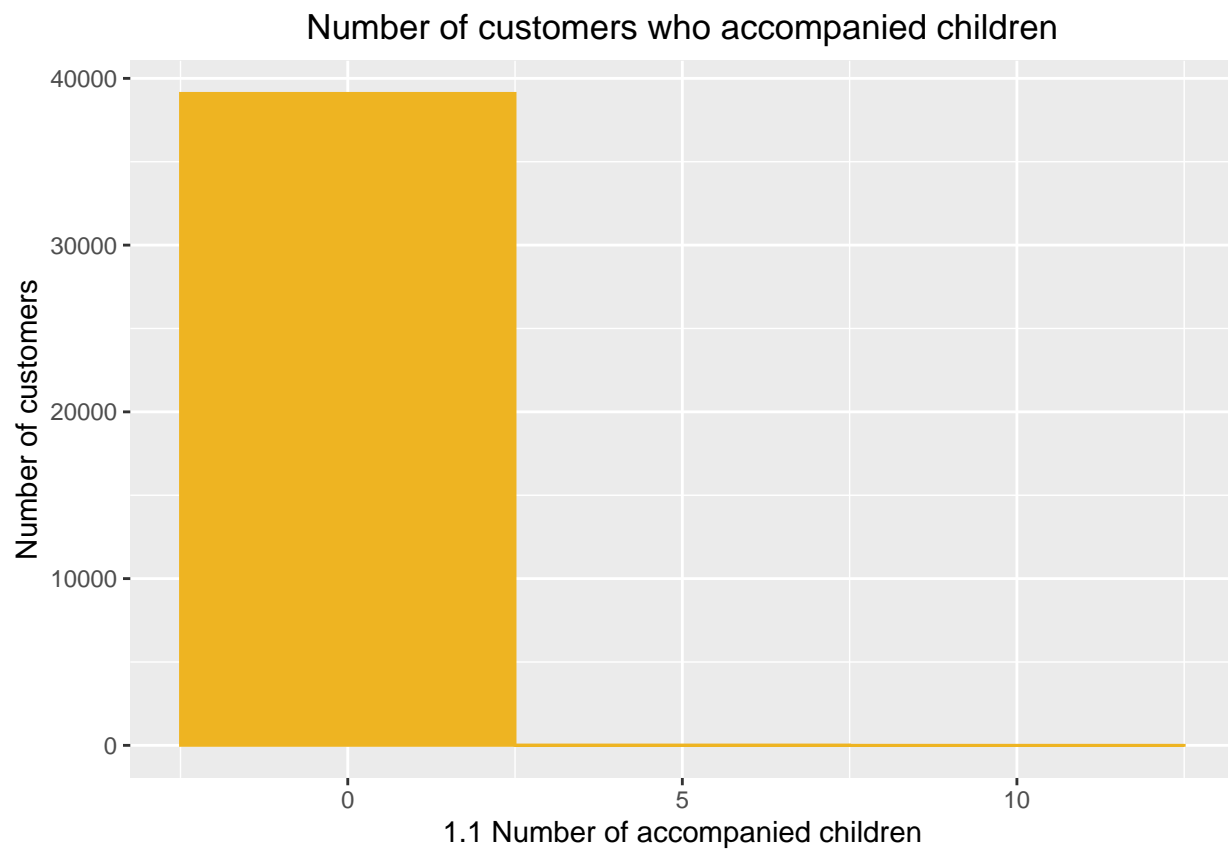
resort$family <- ifelse(resort$children > 0 | resort$babies > 0, 1,0)

resort_demand <- filter(resort, adr > 20)

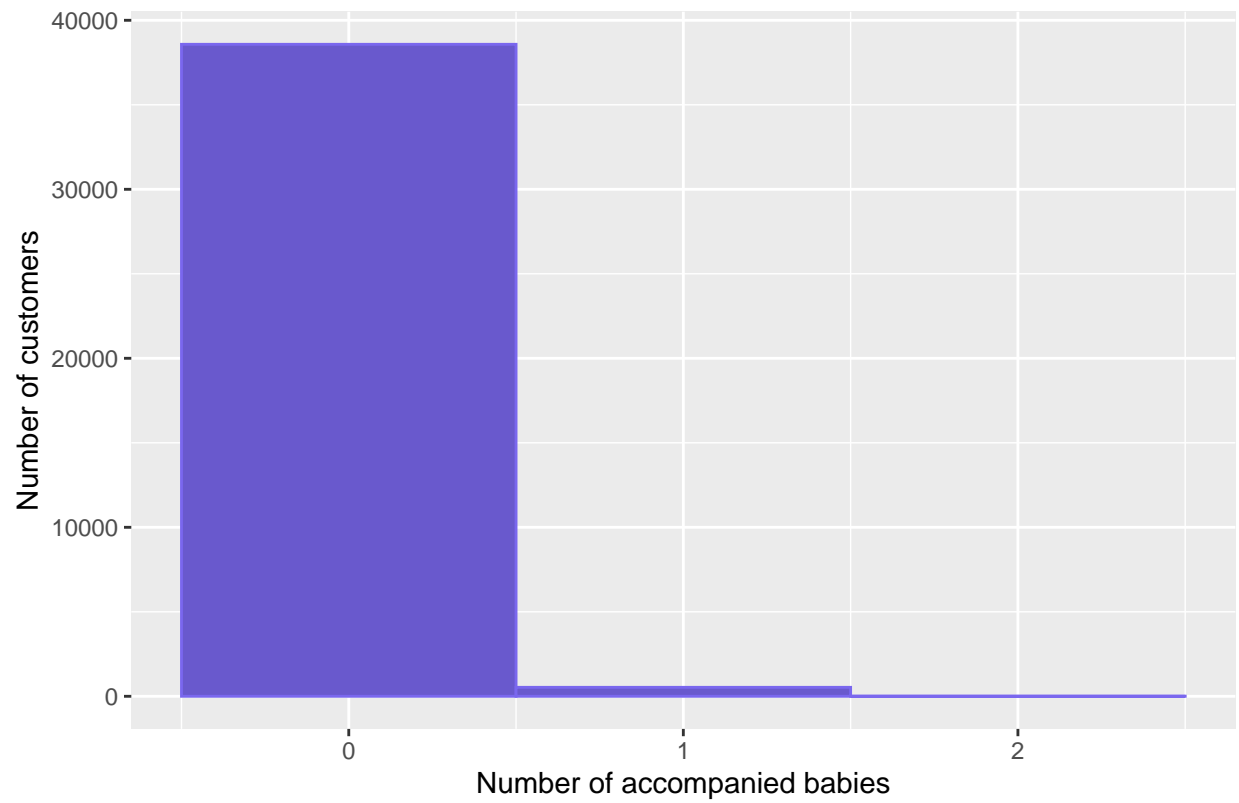
```

Including Plots

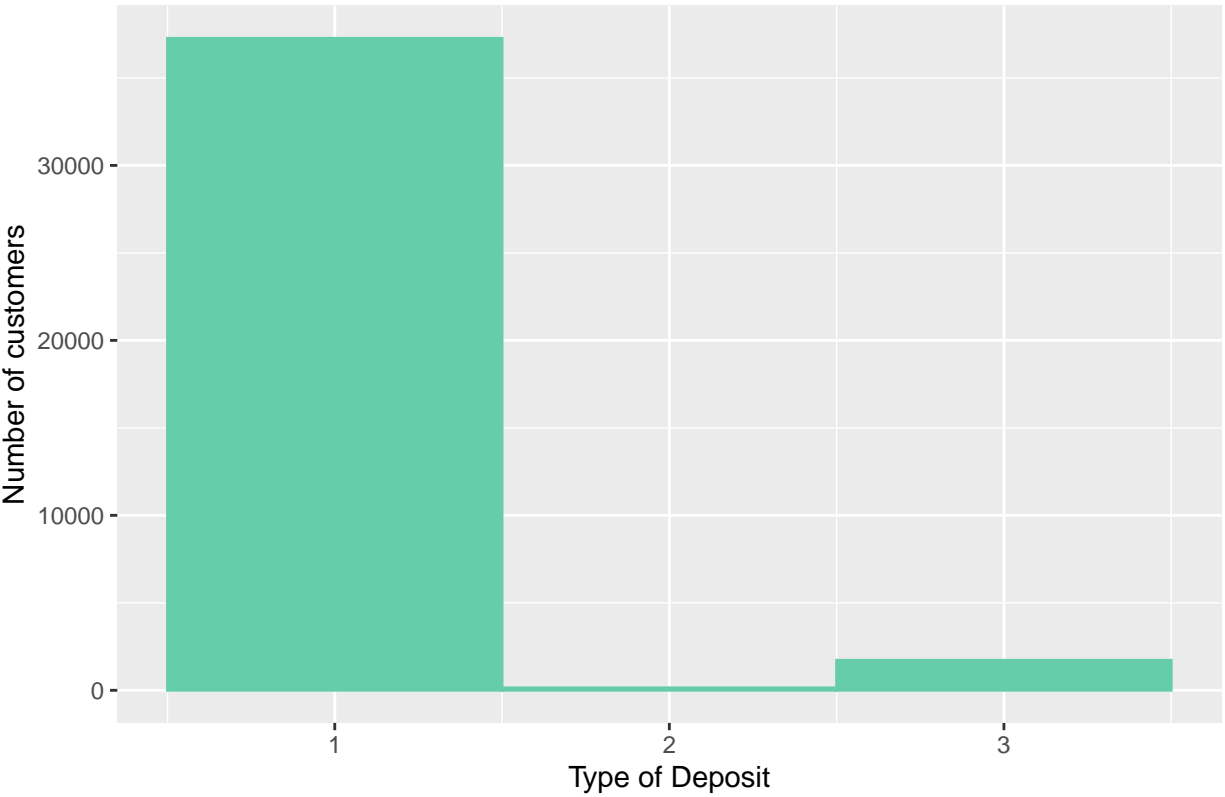
You can also embed plots, for example:



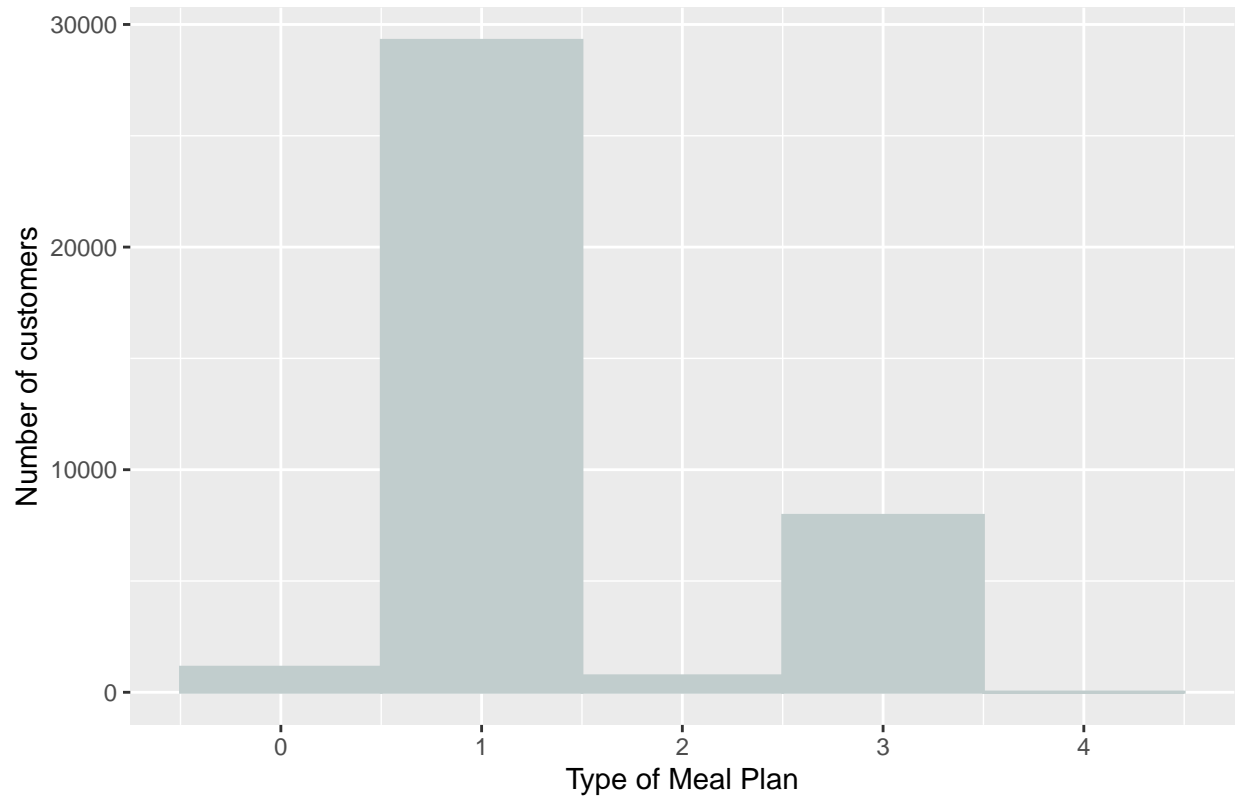
2.1 Number of customers who accompanied babies



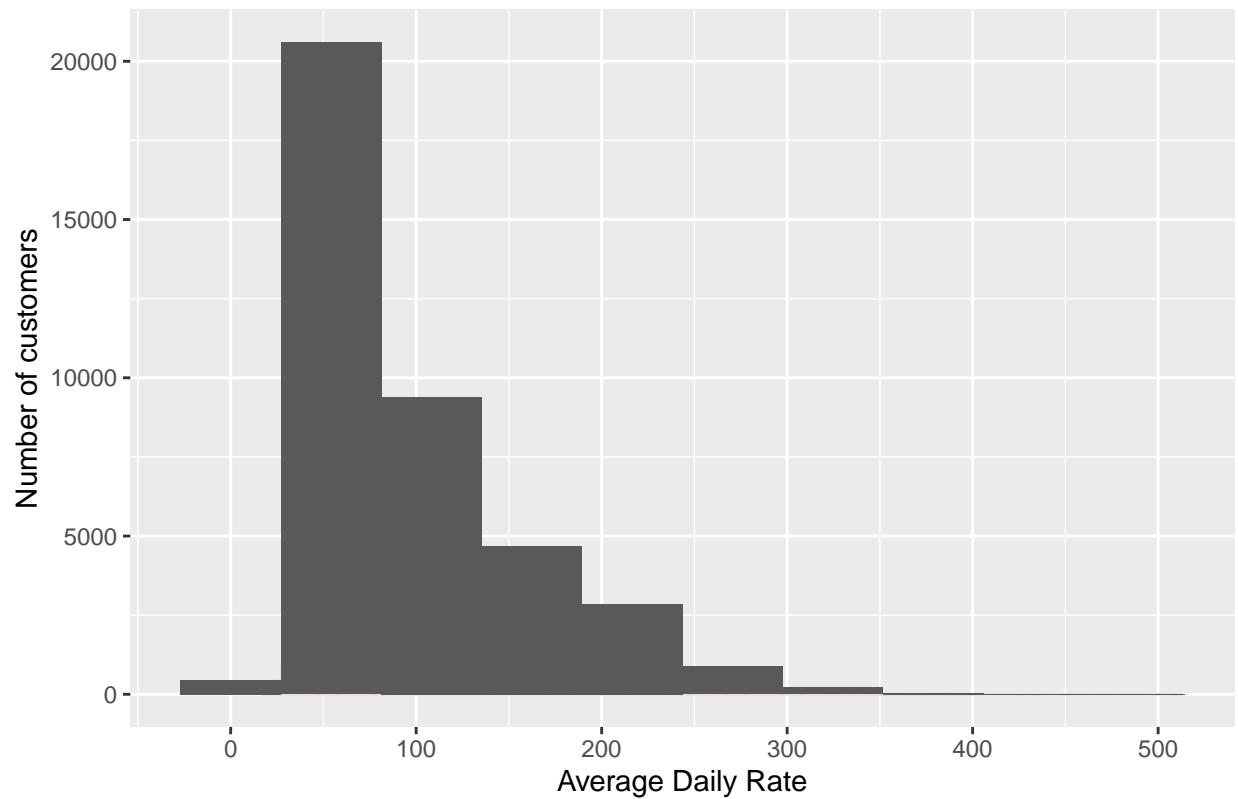
2.2 Type of Deposit by Customers



2.3 Type of Meal Plan by Customers



2.4 Average Daily Rate by Customers



```
## Loading required package: lattice
```

Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.