Resort Project

Ray Kwon

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

resort$depo_num <- ifelse(resort$deposit_type == "No Deposit", 1, ifelse(resort$deposit_type == "Refunda

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

resort_demand <- filter(resort, adr > 20)
```
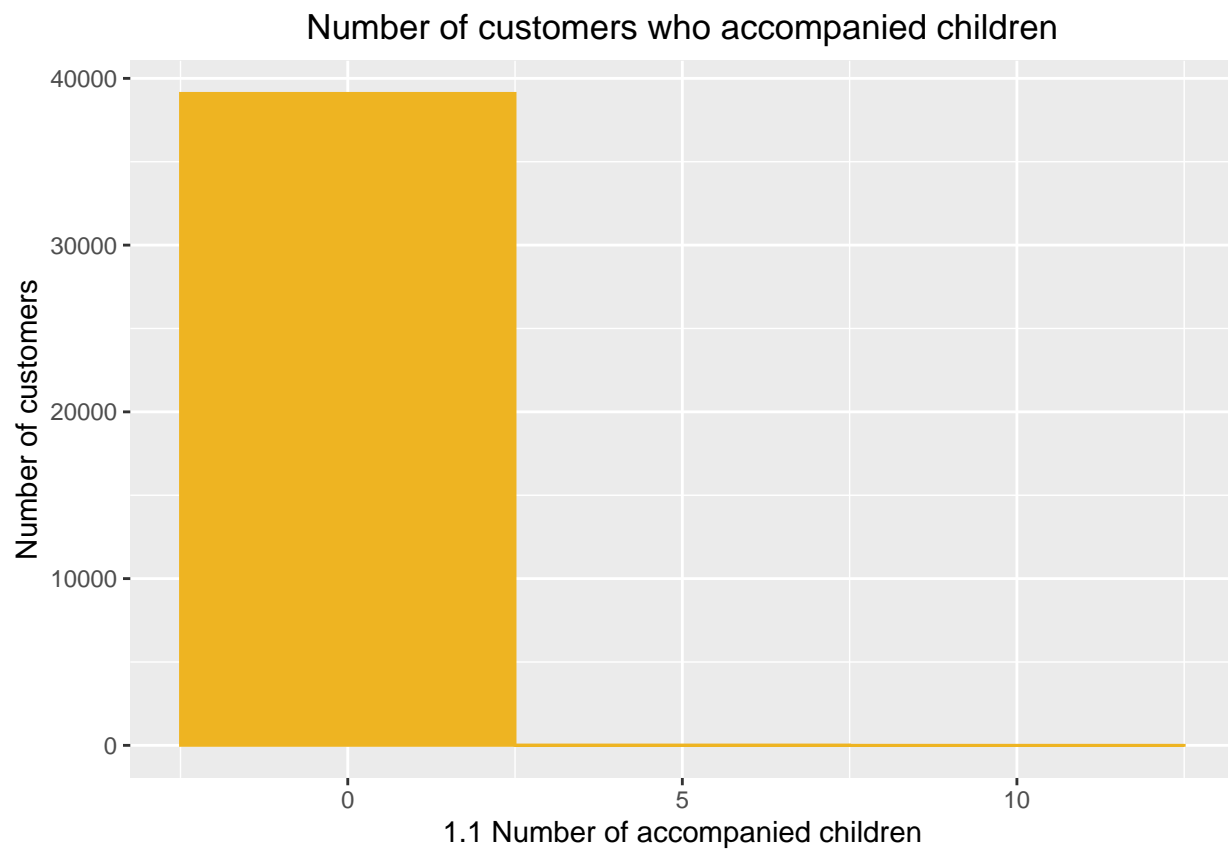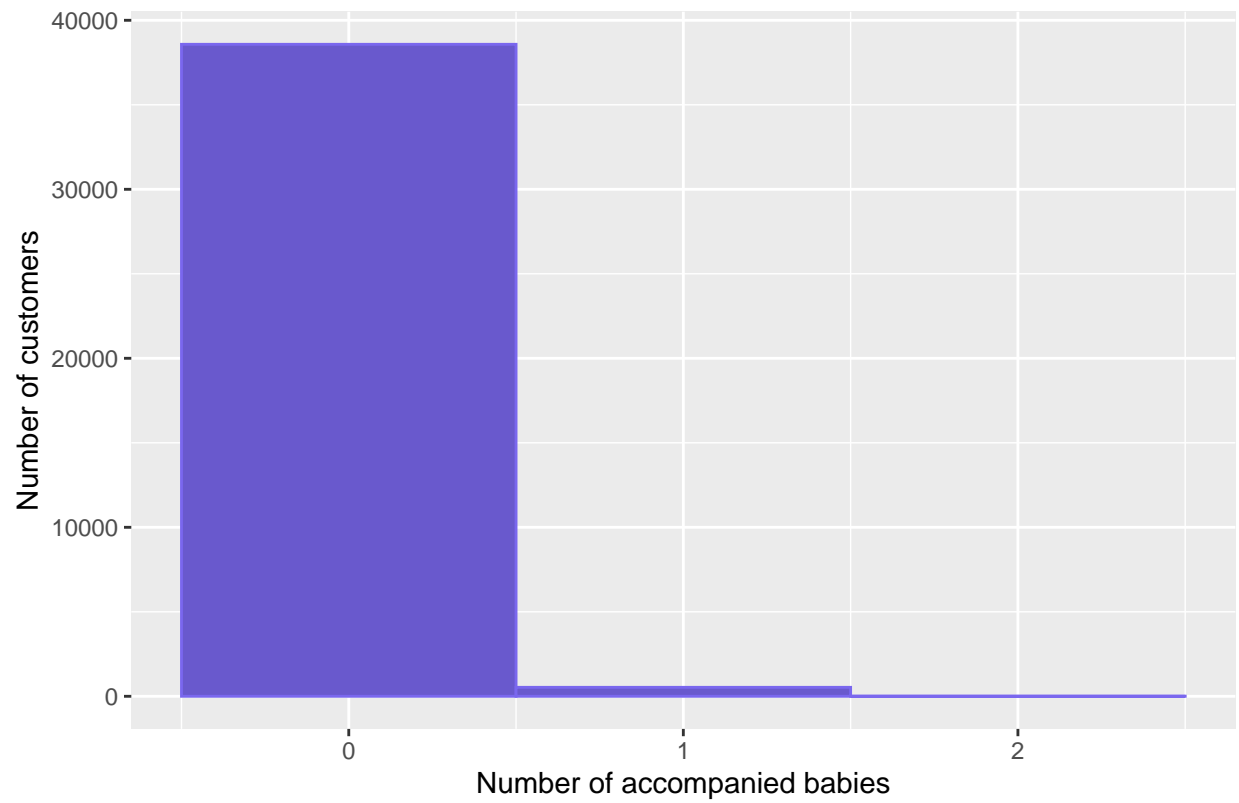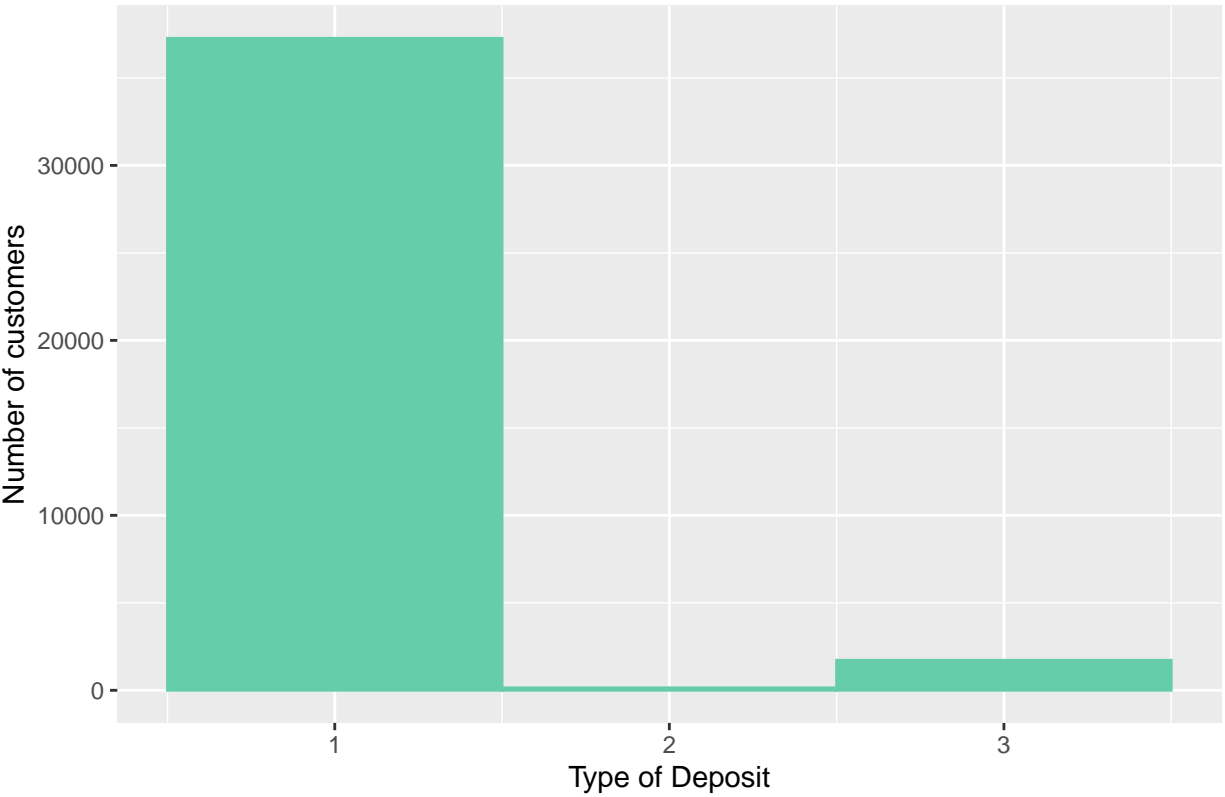
Including Plots
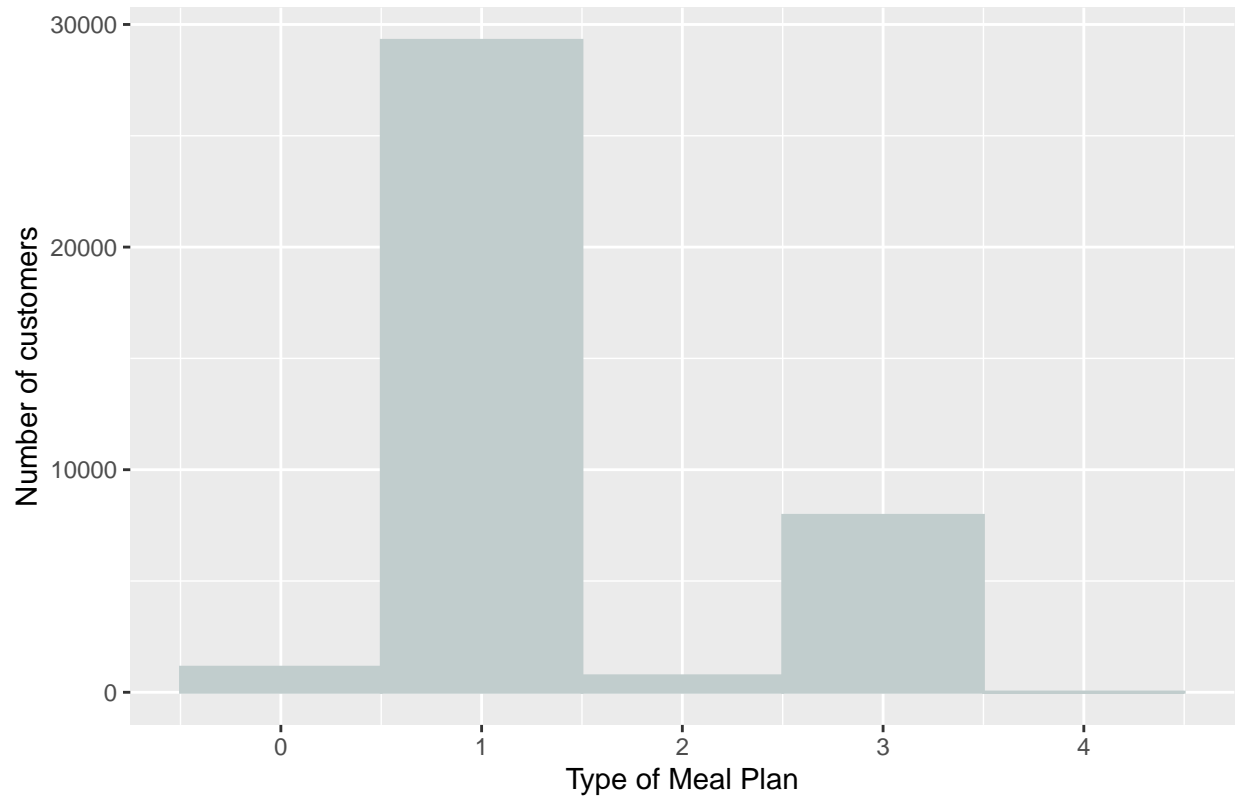
You can also embed plots, for example:
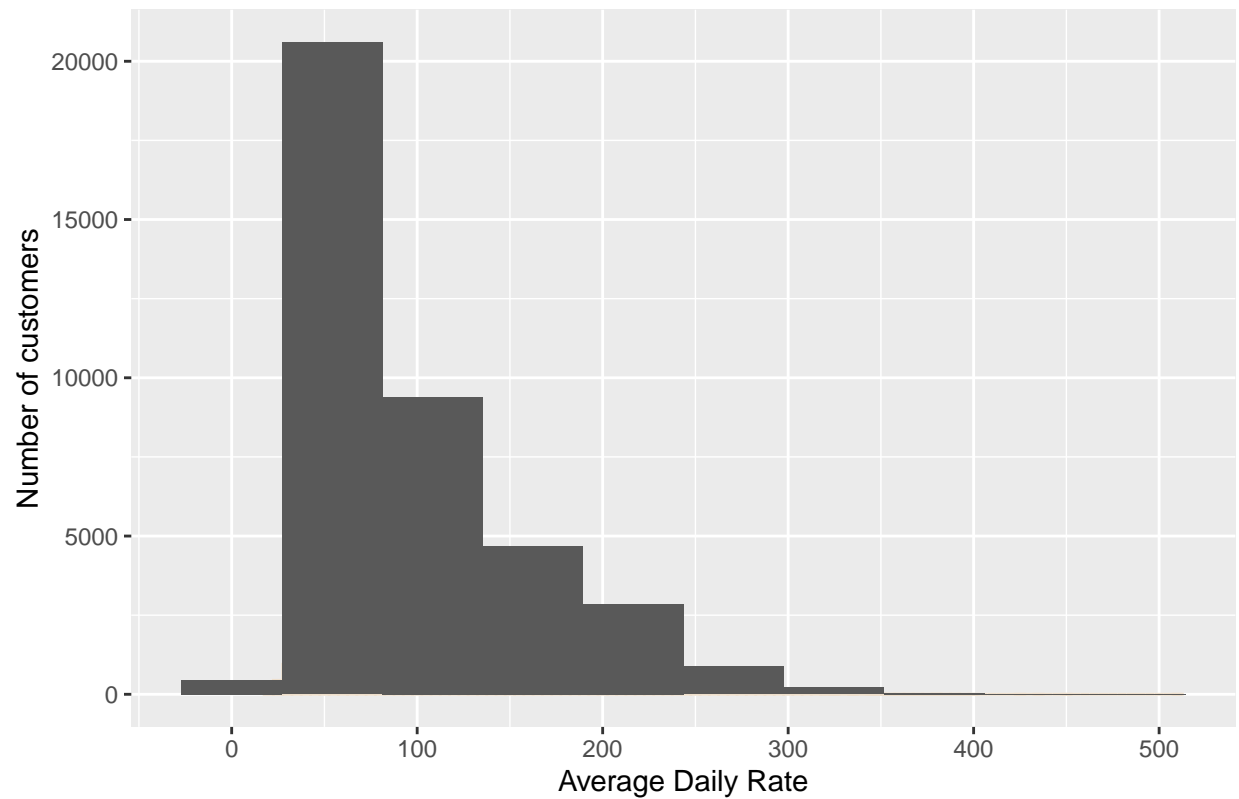
2.1 Number of customers who accompanied babies

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.