

Reporte Data Banco

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Introduccion

Objetivos del Proyecto

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(Data_Banco)
```

```
##      Sucursal      Cajero  ID_Transaccion  Transaccion
## Min.   : 62.0   Min.    : 56   Length:24299   Length:24299
## 1st Qu.: 85.0   1st Qu.: 472   Class :character Class :character
## Median : 85.0   Median :3678   Mode  :character Mode  :character
## Mean   :208.1   Mean    :2919
## 3rd Qu.:443.0   3rd Qu.:3983
## Max.   :586.0   Max.    :5286
## Tiempo_Servicio_seg Satisfaccion      Monto
## Min.   : 18.13   Length:24299   Length:24299
## 1st Qu.: 75.69   Class :character Class :character
## Median :122.45   Mode  :character Mode  :character
## Mean   :155.58
## 3rd Qu.:197.73
## Max.   :1602.70
```

```
Data_Banco %>% count(Cajero)
```

```
##      Cajero      n
## 1         56   832
## 2         63    81
## 3         70   656
## 4         87     7
## 5        299   597
## 6        321     3
## 7        357  1832
## 8        472 2764
```

```
## 9      2230    53
## 10     2503   1578
## 11     2556    667
## 12     2623    182
## 13     2958   1327
## 14     3023     51
## 15     3327     37
## 16     3678   1962
## 17     3732   1339
## 18     3983   4280
## 19     4208   1471
## 20     4353     14
## 21     4424     94
## 22     4796   1084
## 23     4820   1067
## 24     4837    550
## 25     5174     47
## 26     5211    675
## 27     5286   1049
```

Including Plots

You can also embed plots, for example:

```
Data_Banco<-read.xlsx("Data/Data_Banco.xlsx",sheet="Data")
```

```
ggplot(Data_Banco,aes(x=Tiempo_Servicio_seg,fill=Sucursal)) +
  geom_histogram() +
  labs(title = "Tiempo de Servicios en segundos",
        y ="Cantidad", x ="Tiempo_segs") +
  facet_wrap(("Sucursal"))
```

```
## 'stat_bin()' using 'bins = 30'. Pick better value with 'binwidth'.
```

la media del monto fue 1996.084367.

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

```
tinytex::install_tinytex()
```

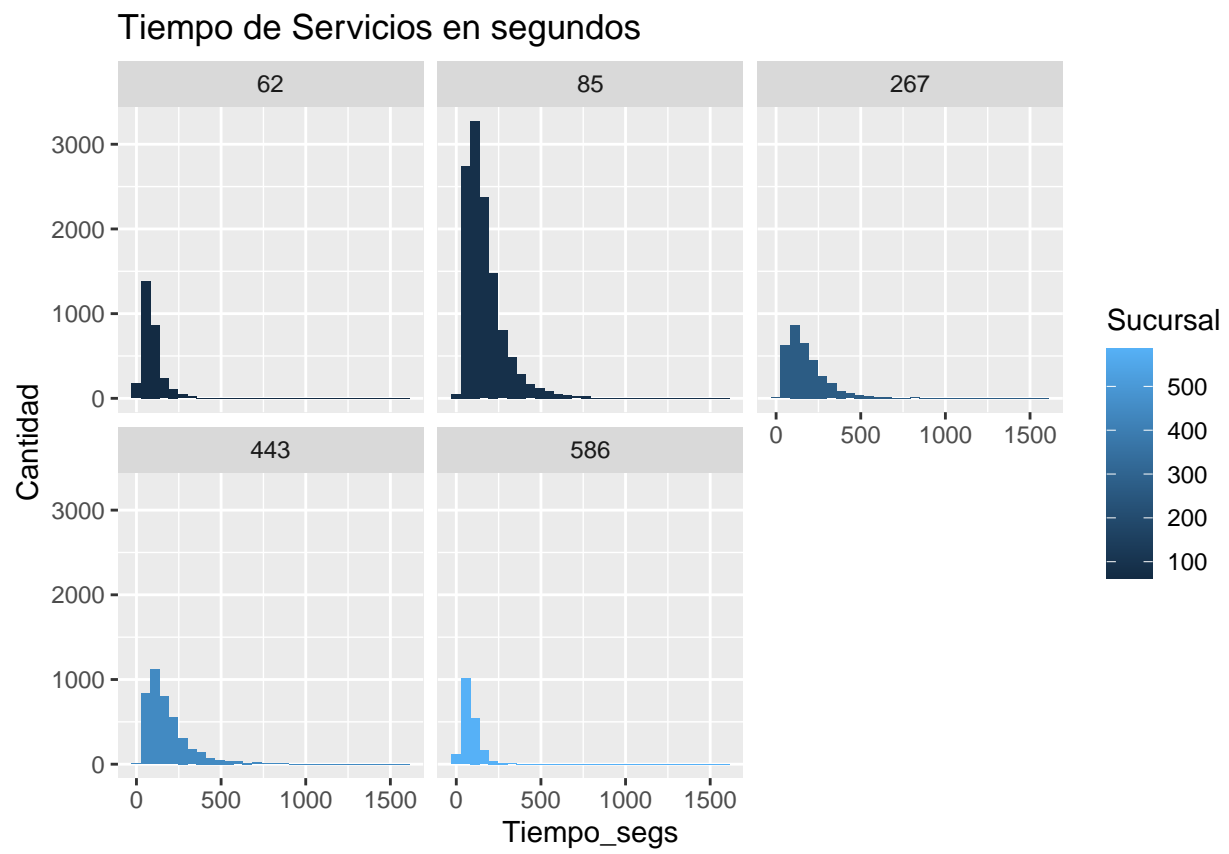


Figure 1: Frecuencia del tiempo de servicio