Reporte de Data Banco

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Introducción

Objetivos del proyecto

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_banco1 <-  data_banco %>% mutate(Sucursal = as.factor(Sucursal))
```

```
ggplot(data_banco1,aes(x= Tiempo_Servicio_seg))+
  geom_histogram(aes(fill=Sucursal))+
  labs(title = "Distribución del Tiempo de Servicio en segundos",
       y="Cantidad",
       x="Tiempo (Segs)")+
  facet_wrap(~Sucursal)
```

La media del monto fue 1996.08.

$A = \pi r^2$

$x = \frac{2}{3x}$

$$x = \frac{2}{3x} \tag{1}$$

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

Este texto va a ser rojo.

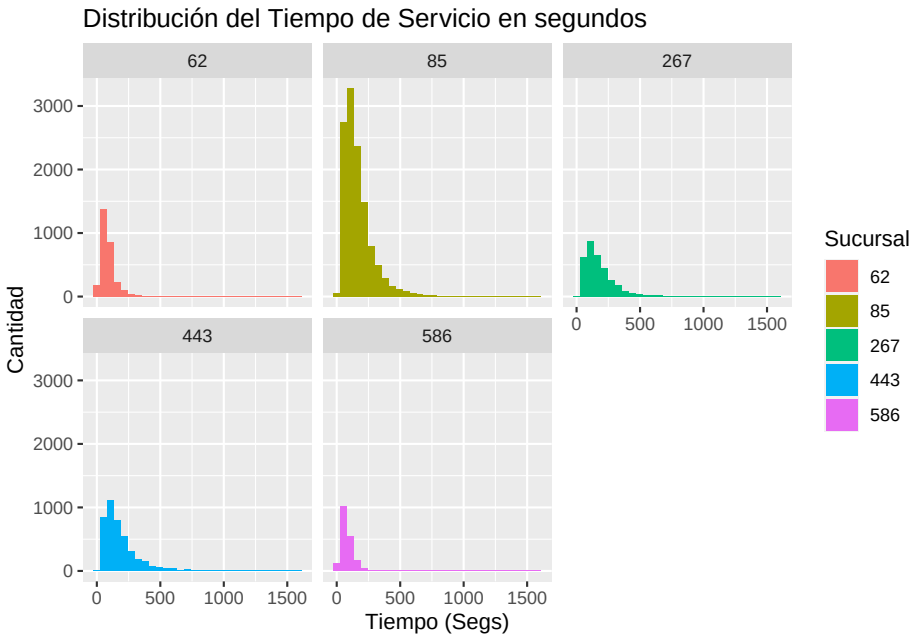

Figure 1: Frecuencia del tiempo de servicio