

# TIMBY Cleaning and EDA

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```
#importing the data

timby_juvenile_general_information = read_xlsx("./timby_analysis_data/timby_excel_complete.xlsx", 1) |>

  clean_names() |>

  mutate(service_provider = to_snake_case(as.character(service_provider))) |>

  mutate(placement = to_snake_case(as.character(placement))) |>

  separate(placement, into = c("location", "facility_type")) |>

  select(-pde_completed_date_time)

print(timby_juvenile_general_information)
```

```
## # A tibble: 68 x 4
##   juvenileid location      facility_type service_provider
##       <dbl> <chr>          <chr>          <chr>
## 1     502065 eastman      ydc            psychiatrist
## 2     507211 milledgeville ydc            psychologist
## 3     509322 atlanta      ydc            psychiatrist
## 4     524787 atlanta      ydc            psychiatrist
## 5     530297 eastman      ydc            psychiatrist
## 6     536581 atlanta      ydc            psychologist
## 7     537118 atlanta      ydc            psychologist
## 8     542732 dekalb      rydc           psychiatrist
## 9     543361 metro       rydc           psychiatrist
## 10    545353 columbus    rydc           psychiatrist
## # i 58 more rows
```

```
#view(timby_juvenile_general_information)
```

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>.

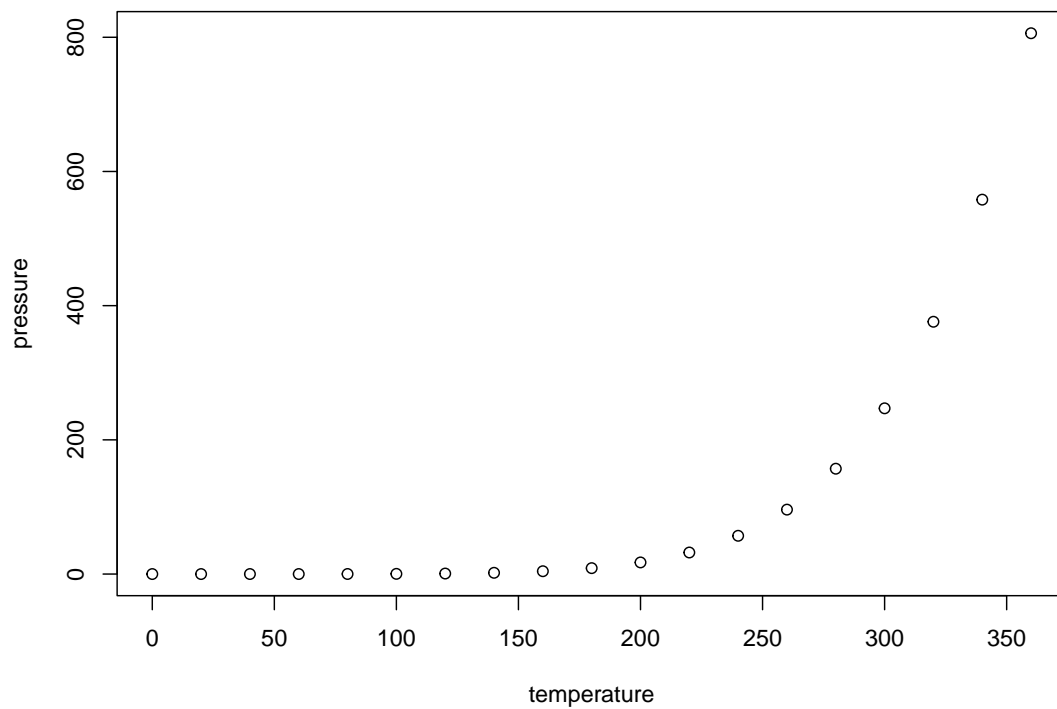
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
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
```

## Including Plots

You can also embed plots, for example:



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