

markdown_test

Sofia Trogu

2023-07-07

Contents

0.1	R Markdown	2
0.2	Including Plots	3

```
library(kableExtra)

file_path2 <- "/Users/Sofia/Desktop/Rain_Australia/Feature_TOC.csv"
feature_toc <- read.csv(file_path2)

feature_toc %>%
  knitr::kable(
    format = "latex",
    align = "l",
    booktabs = TRUE,
    longtable = TRUE,
    linesep = "",
    caption = "Table of features with description and units."
  ) %>% row_spec(0,bold=TRUE) %>%
  kableExtra::kable_styling(
    position = "left",
    latex_options = c("striped", "repeat_header"),
    stripe_color = "gray!15"
  )
```

Table 1: Table of features with description and units.

Heading	Meaning	Units
Date	Day of Month	
Location	City in Australia	
MinTemp	Minimum temperature in the 24 hours to 9am Sometimes only known to the nearest whole degree	degrees Celsius
MaxTemp	Maximum temperaure in the 24 hours from 9am Sometimes only known to the nearest whole degree	degrees Celsius
Rainfall	Precipitation (rainfall) in the 24 hours to 9am Sometimes only known to the nearest whole millimetre	millimetres
Evaporation	Class A pan evaporation in the 24 hours to 9am	millimetres
Sunshine	Bright sunshine in the 24 hours to midnight	hours
WindGustDir	Direction of strongest gust in the 24 hours to midnight	16 compass points
WindGustSpeed	Speed of strongest wind gust in the 24 hours to midnight	kilometres per hour
Temp9am	Temperature at 9am	degrees Celsius
Humidity9am	Relative humidity at 9am	percent
Cloud9am	Fraction of sky obscured by cloud at 9am	eighths
WindDir9am	Wind direction averaged over 10 minutes prior to 9am	16 compass points
WindSpeed9am	Wind speed averaged over 10 minutes prior to 9am	kilometres per hour
Pressure9am	Atmospheric pressure reduced to mean sea level at 9am	hectopascals
Temp3pm	Temperature at 3pm	degrees Celsius
Humidity3pm	Relative humidity at 3pm	percent
Cloud3pm	Fraction of sky obscured by cloud at 3pm	eighths
WindDir3pm	Wind direction averaged over 10 minutes prior to 3pm	16 compass points
WindSpeed3pm	Wind speed averaged over 10 minutes prior to 3pm	kilometres per hour
Pressure3pm	Atmospheric pressure reduced to mean sea level at 3pm	hectopascals
RainToday	Yes if the rain for today is 1mm or more, No if otherwise	1 if Yes- 0 if No
RainTomorrow	Yes if the rain for tomorrow is 1mm or more, No if otherwise (target variable to predict)	1 if Yes- 0 if No

0.1 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:

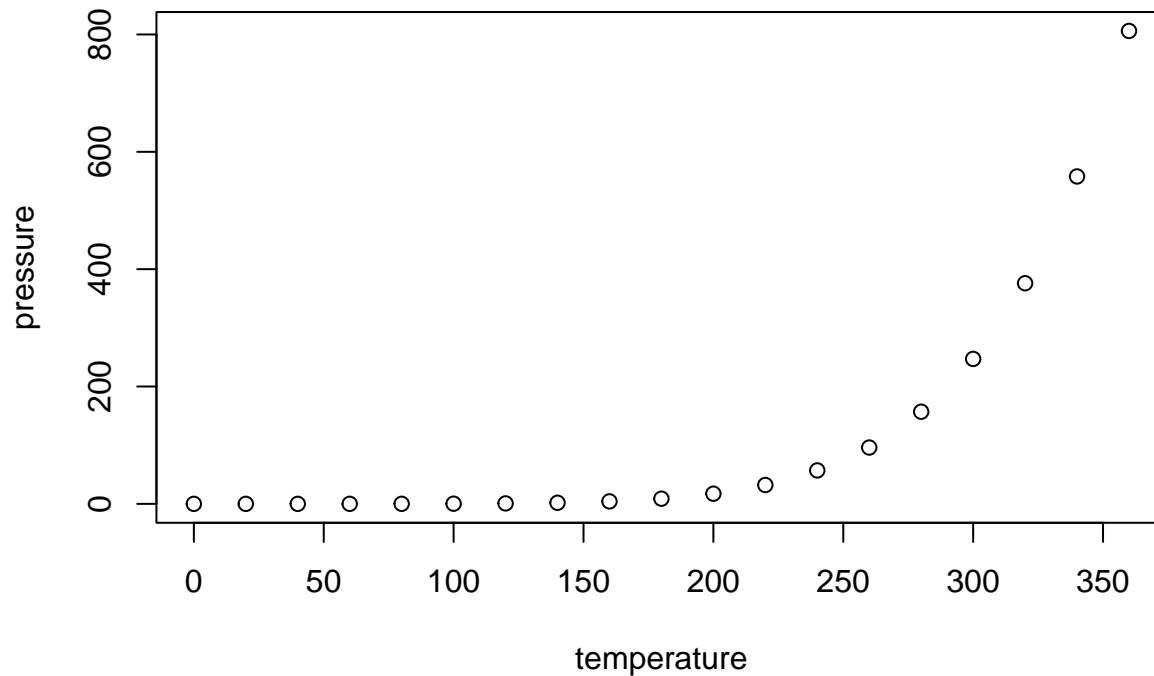
```
summary(cars)
```

```
##      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
```

0.2 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.