Untitled

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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:

```
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
```

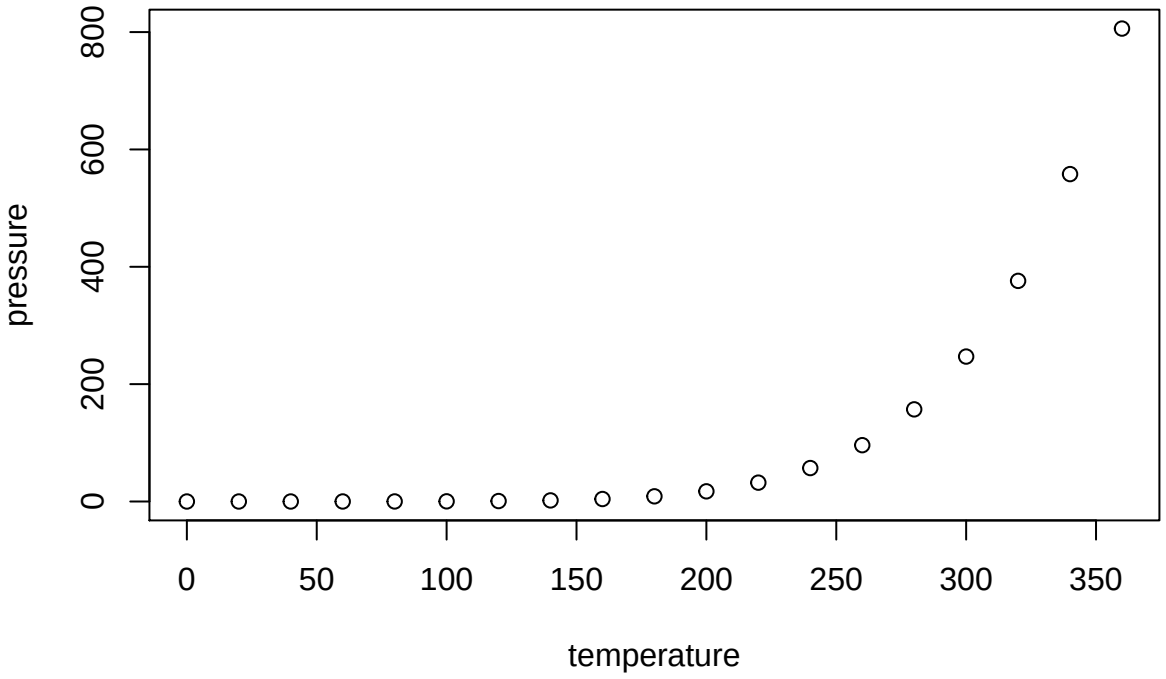
```
df <- Hmisc::mdb.get('data/YF20082016.mdb') %>% tbl_df

# # % of cases by sex for each province
# df %>%
#   count(ProvinceOfresidence, Sex) %>%
#   mutate(freq = n / sum(n) * 100)
#
# # % of cases by province for each sex
# df %>%
#   count(Sex, ProvinceOfresidence) %>%
#   mutate(freq = n / sum(n) * 100)
#
# # % of all cases by province & sex (total sums to 100)
# df %>%
#   count(ProvinceOfresidence, Sex) %>%
#   ungroup %>%
#   mutate(freq = n / sum(n) * 100)

df %>%
  count(ProvinceOfresidence) %>%
  mutate(freq = n / sum(n) * 100) %>%
  knitr::kable()
```

ProvinceOfresidence	n	freq
Bas Uele	23	1.1898603
Equateur	9	0.4655975
Haut Katanga	8	0.4138645
Haut Lomami	26	1.3450595

ProvinceOfresidence	n	freq
Haut Uele	1	0.0517331
Ituri	6	0.3103983
Kasai	51	2.6383859
Kasai Central	17	0.8794620
Kasai Oriental	2	0.1034661
Kinshasa	875	45.2664252
KINSHASA	170	8.7946198
Kongo Central	348	18.0031040
Kwango	190	9.8292809
Kwilu	30	1.5519917
Lomami	6	0.3103983
Lualaba	42	2.1727884
Maindombe	3	0.1551992
Maniema	1	0.0517331
Mongala	2	0.1034661
Nord Kivu	7	0.3621314
Nord Ubangi	25	1.2933264
Sankuru	2	0.1034661
Sud-Kivu	5	0.2586653
Sud-Ubangi	12	0.6207967
Tshopo	11	0.5690636
Tshuapa	61	3.1557165

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.