mtcars voorbeeld

Remko

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Contents

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.

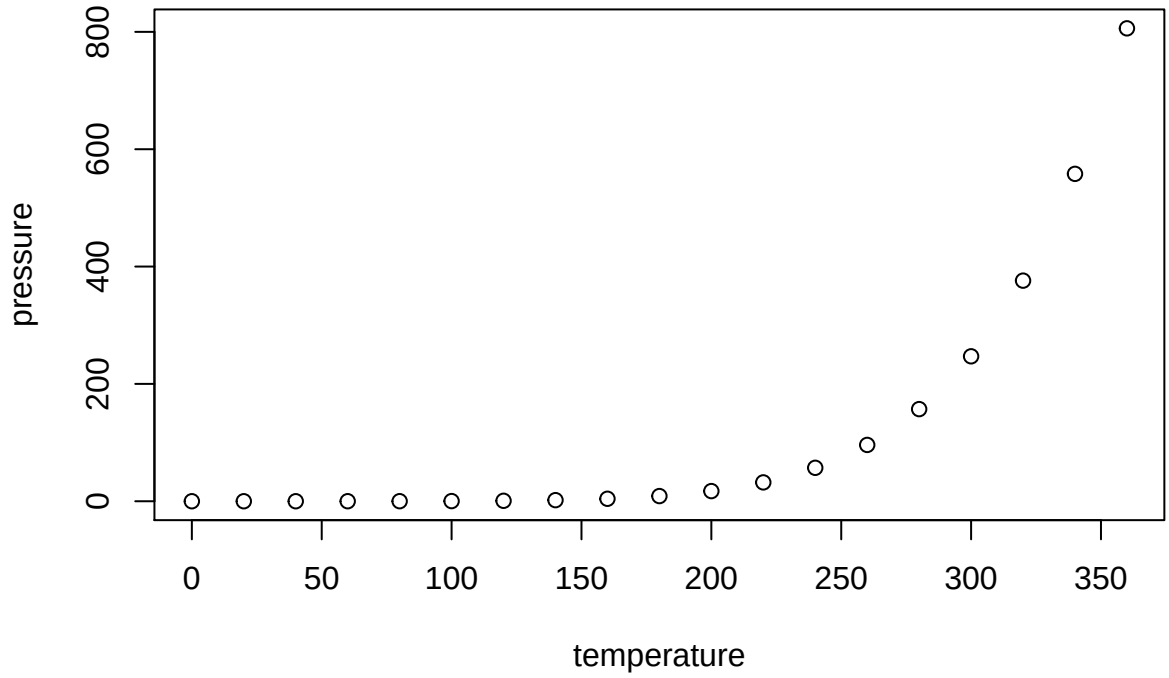
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
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
```

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.

Statistics

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

```
park <- arrange(parking, updated) %>%
  filter(!label %in% c("P+R","P4") ) %>%
  mutate(label = as.factor(label),
         updated = as.POSIXct(updated, tz = "UTC"))



# Dagelijks minimum aftrekken van de hele dag
park$Date <- as.Date(park$updated)
park_gr <- group_by(park, Date, label)

park_gr <- dplyr::group_modify(park_gr, function(x,...){

  minval <- min(x$parked, na.rm = TRUE)
  x$parked <- x$parked - minval

  return(x)
}) %>% ungroup
```

Tables

```
library(knitr)
kable(mtcars[1:3, 1:3])
```

	mpg	cyl	disp
Mazda RX4	21.0	6	160
Mazda RX4 Wag	21.0	6	160
Datsun 710	22.8	4	108

```
library(pander)
pander(mtcars[1:3, 1:3])
```

	mpg	cyl	disp
Mazda RX4	21	6	160
Mazda RX4 Wag	21	6	160
Datsun 710	22.8	4	108

```
model <- lm(disp ~ wt, data =mtcars)
pander(model)
```

Table 3: Fitting linear model: disp ~ wt

	Estimate	Std. Error	t value	Pr(>|t|)
(Intercept)	-131.1	35.72	-3.672	0.0009326
wt	112.5	10.64	10.58	1.222e-11

kable

```
kable(head(cbind(mtcars,mtcars)))
```

	mpg	cyl	disp	hp	drat	wt	qsec	vs	am	gear	carb	mpg	cyl	disp	hp	dra
Mazda RX4	21.0	6	160	110	3.90	2.620	16.46	0	1	4	4	21.0	6	160	110	3.90
Mazda RX4 Wag	21.0	6	160	110	3.90	2.875	17.02	0	1	4	4	21.0	6	160	110	3.90
Datsun 710	22.8	4	108	93	3.85	2.320	18.61	1	1	4	1	22.8	4	108	93	3.85
Hornet 4 Drive	21.4	6	258	110	3.08	3.215	19.44	1	0	3	1	21.4	6	258	110	3.08
Hornet Sportabout	18.7	8	360	175	3.15	3.440	17.02	0	0	3	2	18.7	8	360	175	3.15
Valiant	18.1	6	225	105	2.76	3.460	20.22	1	0	3	1	18.1	6	225	105	2.76

pander

```
pander(head(cbind(mtcars,mtcars)))
```

Table 5: Table continues below

	mpg	cyl	disp	hp	drat	wt	qsec	vs
Mazda RX4	21	6	160	110	3.9	2.62	16.46	0
Mazda RX4 Wag	21	6	160	110	3.9	2.875	17.02	0

	mpg	cyl	disp	hp	drat	wt	qsec	vs
Datsun 710	22.8	4	108	93	3.85	2.32	18.61	1
Hornet 4 Drive	21.4	6	258	110	3.08	3.215	19.44	1
Hornet Sportabout	18.7	8	360	175	3.15	3.44	17.02	0
Valiant	18.1	6	225	105	2.76	3.46	20.22	1

Table 6: Table continues below

	am	gear	carb	mpg	cyl	disp	hp	drat
Mazda RX4	1	4	4	21	6	160	110	3.9
Mazda RX4 Wag	1	4	4	21	6	160	110	3.9
Datsun 710	1	4	1	22.8	4	108	93	3.85
Hornet 4 Drive	0	3	1	21.4	6	258	110	3.08
Hornet Sportabout	0	3	2	18.7	8	360	175	3.15
Valiant	0	3	1	18.1	6	225	105	2.76

	wt	qsec	vs	am	gear	carb
Mazda RX4	2.62	16.46	0	1	4	4
Mazda RX4 Wag	2.875	17.02	0	1	4	4
Datsun 710	2.32	18.61	1	1	4	1
Hornet 4 Drive	3.215	19.44	1	0	3	1
Hornet Sportabout	3.44	17.02	0	0	3	2
Valiant	3.46	20.22	1	0	3	1