

R markdown: A tutorial

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Introduction

R Markdown documents can be used to write reports. In this example I am rendering this report to PDF, but it could be output in Word (word_document) or as an online document (html_document).

Dataframe

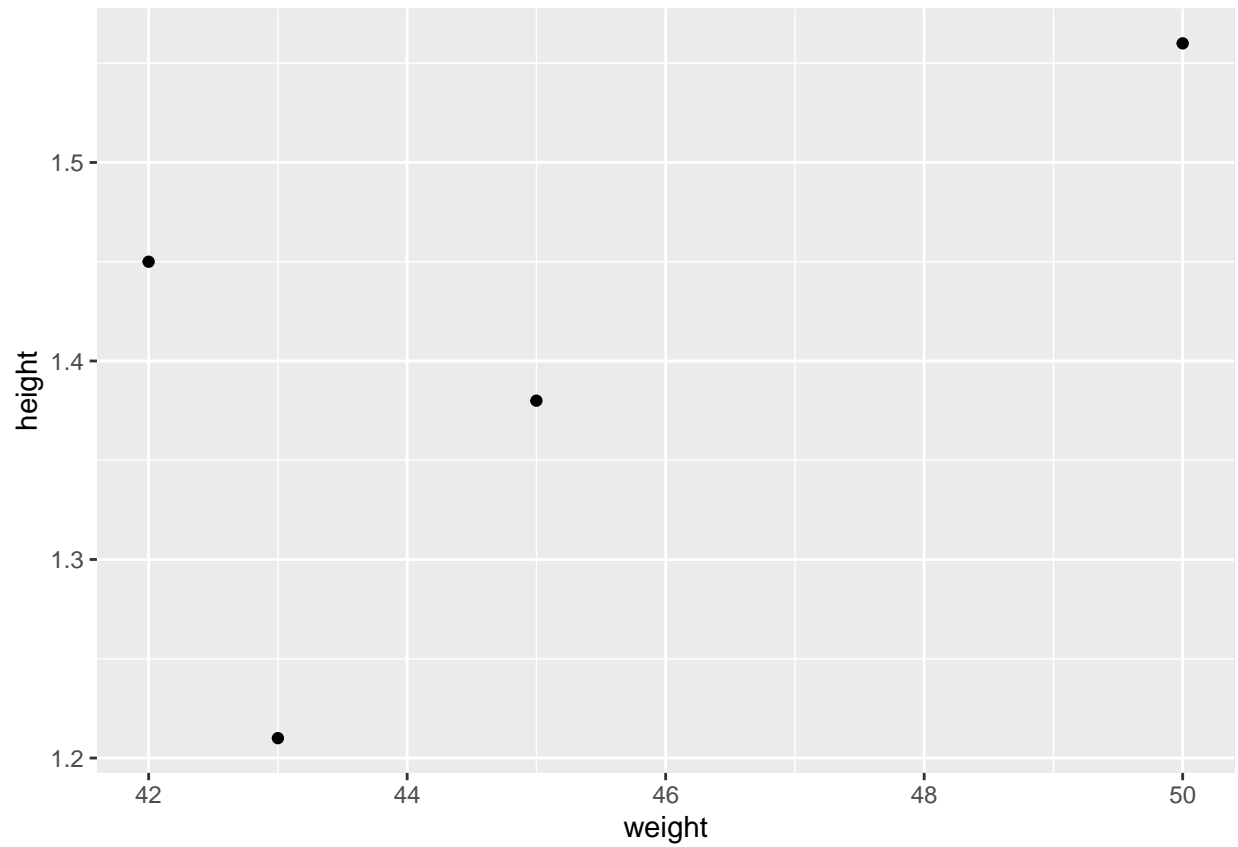
```
##   height weight first_name sex      bmi
## 1   1.38    45      Alice   F 23.62949
## 2   1.45    42       Bob   M 19.97622
## 3   1.21    43      Harry   M 29.36958
## 4   1.56    50       Jane   F 20.54569
```

Including Plots

You can also embed plots. Here is BMI change over time

```
# Plot these on a line graph
library(ggplot2)

ggplot(data=df, aes(x=weight, y=height)) +
  geom_point()
```



You can include a value in the text. For example, Alice is 1.38cm tall