

A: Anatomy of a notebook / RMarkdown document

YAML header

B: Rendered preview

R Notebook

title: "R Notebook"
output: html_notebook

Headings (h2) → Aim

To compare global life expectancy between 1952 and 2007.

In-line code

Data

Gapminder project data.

Plot the data
This plot nicely shows the distribution of the data. I added a filter to exclude Kuwait, which is an extreme outlier. See here:

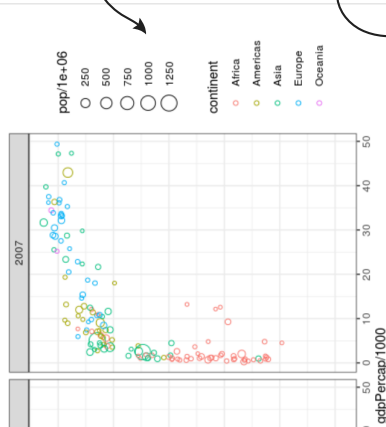
Plot the data

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Code chunk
- begin {r}
- end {r}
- options
- run chunk
- run all chunks to here

```
library(gapminder)
gapminder %>%
  filter(year == 1952 & gdpPercap > 15000)

...{r}
library(gapminder)
library(dplyr)
gapminder %>%
  filter(year == 2007 | year == 1952) %>%
  filter(gdpPercap < 15000) %>%
  ggplot(aes(x = lifeExp, y = gdpPercap/1000, #divide by 1000 to tidy the x-axis
             colour = continent,
             size = pop/1e6)) +
  geom_point(shape = 1) +
  theme_bw() +
  facet_wrap(~year)
```



Output

R Markdown document type