

# Example 1: Gapminder

```
library(gapminder)
gapminder
## # A tibble: 1,704 x 6
##   country      continent  year lifeExp      pop gdpPercap
##   <fct>        <fct>    <int>  <dbl>    <int>    <dbl>
## 1 Afghanistan Asia      1952   28.8  8425333    779.
## 2 Afghanistan Asia      1957   30.3  9240934    821.
## 3 Afghanistan Asia      1962   32.0 10267083    853.
## 4 Afghanistan Asia      1967   34.0 11537966    836.
## 5 Afghanistan Asia      1972   36.1 13079460    740.
## 6 Afghanistan Asia      1977   38.4 14880372    786.
## 7 Afghanistan Asia      1982   39.9 12881816    978.
## 8 Afghanistan Asia      1987   40.8 13867957    852.
## 9 Afghanistan Asia      1992   41.7 16317921    649.
## 10 Afghanistan Asia      1997   41.8 22227415    635.
## # ... with 1,694 more rows
```



## Example 1

# Static Version

```
p <- ggplot(
  gapminder,
  aes(x = gdpPercap, y = lifeExp,
      size = pop, colour = country)
) +
  geom_point(
    alpha = 0.7,
    show.legend = FALSE
  ) +
  scale_colour_manual(
    values = country_colors
  ) +
  scale_size(range = c(2, 12)) +
  scale_x_log10() +
  labs(
    x = 'GDP per capita',
    y = 'life expectancy'
  )
p
```

