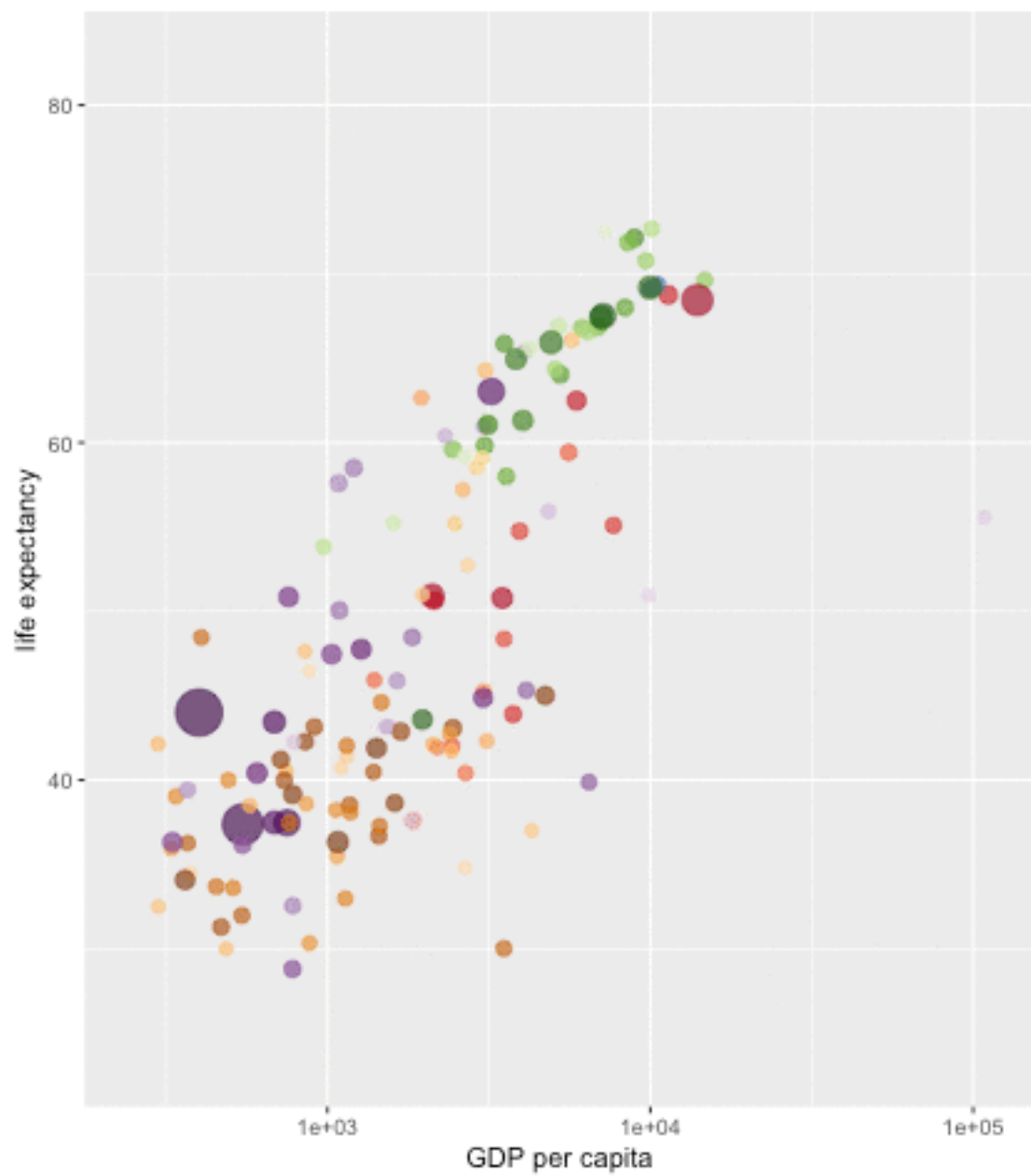






www.data-innaginginist.com/slides/user2018

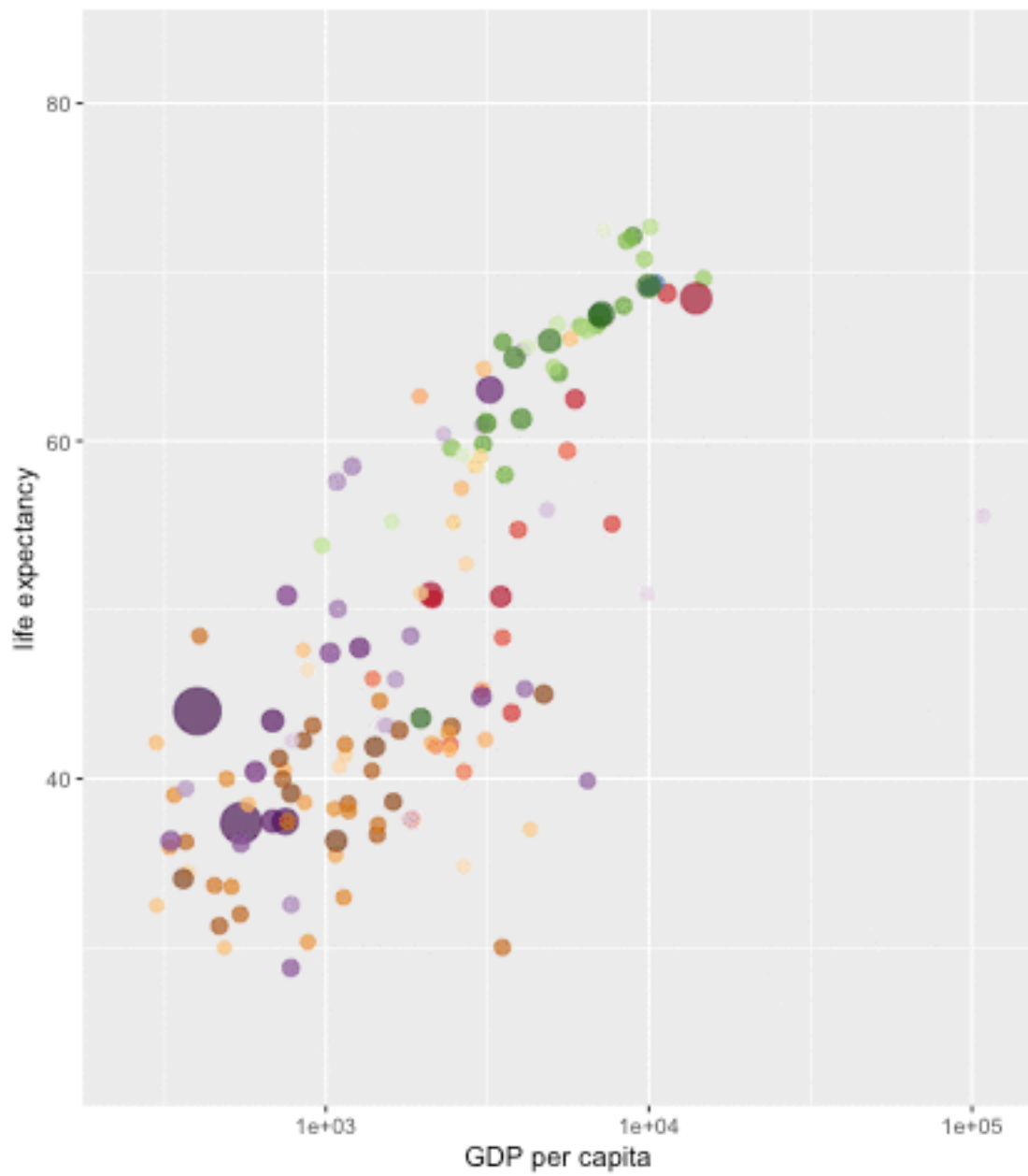
Year: 1952



transition_time()

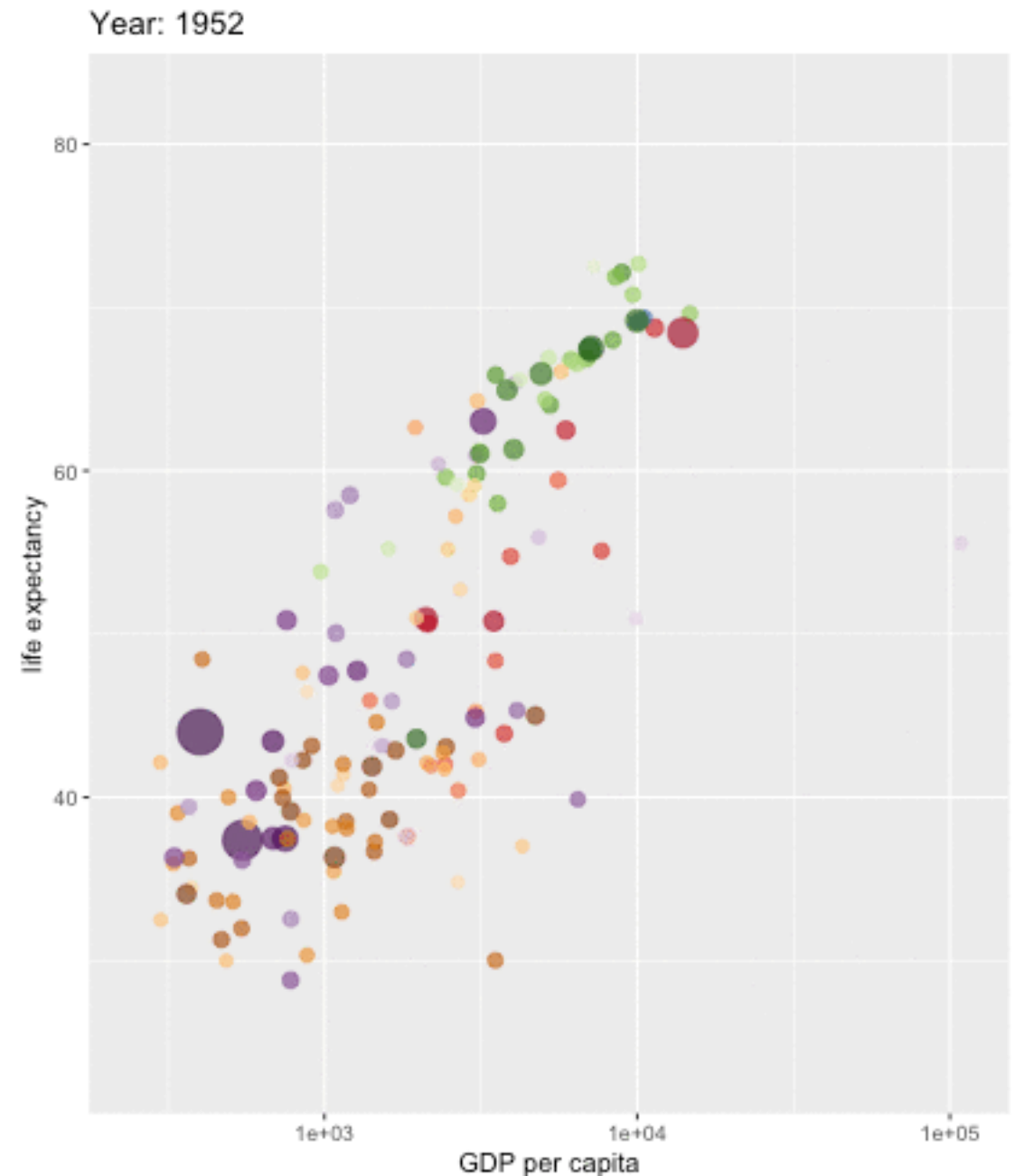
```
ggplot(gapminder, aes(  
  x = gdpPercap,  
  y = lifeExp,  
  size = pop,  
  colour = country  
)) +  
  geom_point(  
    alpha = 0.7,  
    show.legend = FALSE  
  ) +  
  scale_colour_manual(  
    values = country_colors  
  ) +  
  scale_size(range = c(2, 12)) +  
  scale_x_log10() +  
  labs(  
    title = 'Year: {frame_time}',  
    x = 'GDP per capita',  
    y = 'life expectancy'  
  ) +  
  transition_time(year) +  
  ease_aes('linear')
```

Year: 1952



transition_time()

```
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(
    title = 'Year: {frame_time}',
    x = 'GDP per capita',
    y = 'life expectancy'
  ) +
  transition_time(year) +
  ease_aes('linear')
```



transition_time()

```
gapminder_stub <- subset(  
  gapminder,  
  year < 1970 | year >= 1980  
)  
  
ggplot(gapminder_stub, aes(...)) +  
  ...
```

