Gapminder

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Introduction

In this document, we will be exploring the Gapminder dataset

Observations of Gapminder

Countries with life expectancy less than 30

```
gapminder %>% filter(lifeExp<30)
```

```
## # A tibble: 2 x 6
##   country     continent  year lifeExp     pop gdpPercap
##   <fct>       <fct>     <int>   <dbl>   <int>     <dbl>
## 1 Afghanistan Asia       1952    28.8 8425333      779.
## 2 Rwanda      Africa     1992    23.6 7290203      737.
```

Only **two** such countries

Countries with life expectancy greater than 81

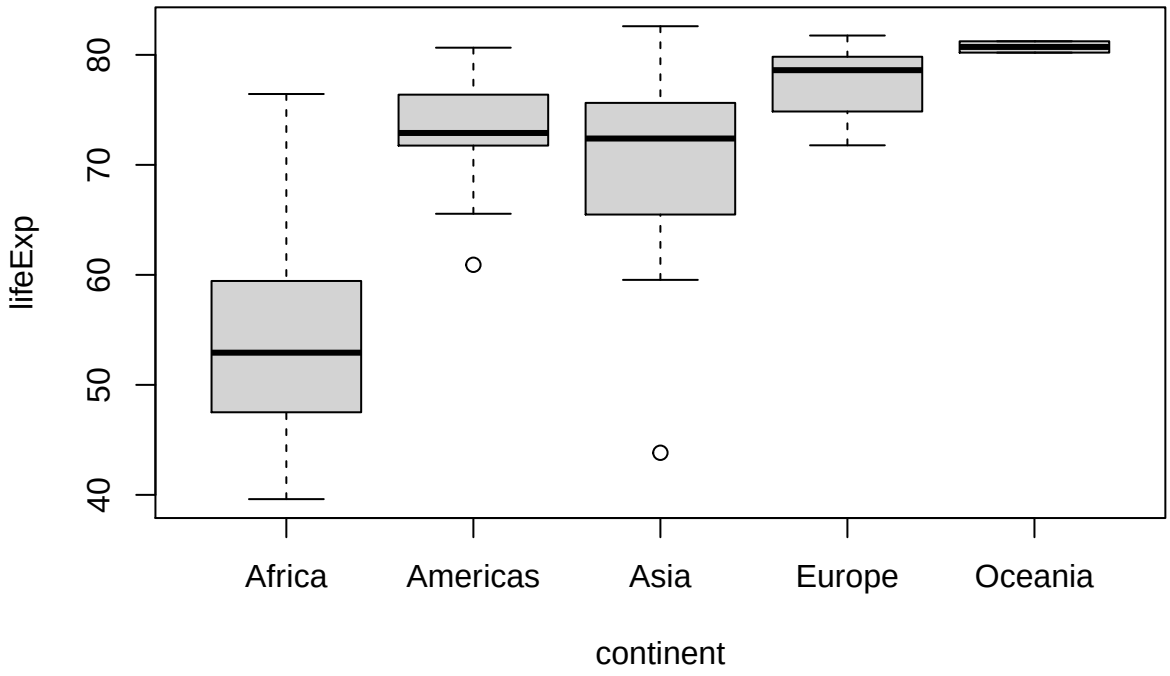
```
gapminder %>% filter(lifeExp>81)
```

```
## # A tibble: 7 x 6
##   country          continent  year lifeExp       pop gdpPercap
##   <fct>            <fct>     <int>   <dbl>     <int>     <dbl>
## 1 Australia        Oceania    2007    81.2  20434176    34435.
## 2 Hong Kong, China Asia       2002    81.5   6762476    30209.
## 3 Hong Kong, China Asia       2007    82.2   6980412    39725.
## 4 Iceland          Europe     2007    81.8    301931    36181.
## 5 Japan            Asia       2002    82   127065841    28605.
## 6 Japan            Asia       2007    82.6 127467972    31656.
## 7 Switzerland      Europe     2007    81.7   7554661    37506.
```

There are *five* such countries

Life expectancy by continent in 2007

```
gapminder2<- gapminder %>% filter(year==2007)
boxplot(lifeExp~continent,data=gapminder2)
```



I worked out how to get the year from the solutions! i feel

- Happy
- Relieved