Gapminder

Introduction

In this document we will be exploring the Gapminder dataset

Observations of Gapminder

Countries with life expectancy less than 30

```
life_exp_lt30 <- gapminder %>% filter(lifeExp<30)
life_exp_lt30
```

```
## # 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.
```

Here we see all the countries with a life expectancy of **less than 30**

Countries with life expectancy greater than 81

```
life_exp_gt81 <- gapminder %>% filter(lifeExp<81)
life_exp_gt81
```

```
## # A tibble: 1,697 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 1,687 more rows
```

Life expectancy by continent in 2007

```
boxplot(lifeExp~continent, data=filter(gapminder, year==2007))
```