hw01_presentation

Loading the Dataset

R has a dataset called gapminder, which the following code loads:

```
library(gapminder)
```

Variables

Here are the variables for gapminder after running the following code:

```r
names(gapminder)
```

country, continent, year, lifeExp, pop, gdpPercap

Rows

Here are the number of rows in gapminder after running the following code:

```
nrow(gapminder)
```

```
## [1] 1704
```

Dataset Summary

Here is a summary of statistics of gapminder:

```
summary(gapminder)
```

country	continent	year
Afghanistan: 12	Africa :624	Min. :1952
Albania : 12	Americas:300	1st Qu.:1966
Algeria : 12	Asia :396	Median :1980
Angola : 12	Europe :360	Mean :1980
Argentina : 12	Oceania : 24	3rd Qu.:1993
Australia : 12		Max. :2007

Dataset Summary Continued

lifeExp	pop	gdpPercap
Min. :23.60	Min. :6.001e+04	Min. : 241.2
1st Qu.:48.20	1st Qu.:2.794e+06	1st Qu.: 1202.1
Median :60.71	Median :7.024e+06	Median : 3531.8
Mean :59.47	Mean :2.960e+07	Mean : 7215.3
3rd Qu.:70.85	3rd Qu.:1.959e+07	3rd Qu.: 9325.5
Max. :82.60	Max. :1.319e+09	Max. :113523.1

Countries

Here is a list of countries within the gapminder dataset using the following code:

```
(unique(gapminder$country))
```

Afghanistan Albania Algeria Angola Argentina Australia Austria Bahrain Bangladesh Belgium Benin Bolivia Bosnia and Herzegovina Botswana Brazil Bulgaria Burkina Faso Burundi Cambodia Cameroon Canada Central African Republic Chad Chile China Colombia Comoros Congo, Dem. Rep. Congo, Rep. Costa Rica Cote d'Ivoire Croatia Cuba Czech Republic Denmark Djibouti Dominican Republic Ecuador Egypt El Salvador Equatorial Guinea Eritrea Ethiopia Finland France Gabon Gambia Germany Ghana Greece Guatemala Guinea Guinea-Bissau Haiti Honduras Hong Kong, China Hungary Iceland India Indonesia Iran Iraq Ireland Israel Italy Jamaica Japan Jordan Kenya Korea, Dem. Rep. Korea, Rep.

Countries Continued

Kuwait Lebanon Lesotho Liberia Libya Madagascar Malawi
Malaysia Mali Mauritania Mauritius Mexico Mongolia Montenegro
Morocco Mozambique Myanmar Namibia Nepal Netherlands New
Zealand Nicaragua Niger Nigeria Norway Oman Pakistan Panama
Paraguay Peru Philippines Poland Portugal Puerto Rico Reunion
Romania Rwanda Sao Tome and Principe Saudi Arabia Senegal
Serbia Sierra Leone Singapore Slovak Republic Slovenia Somalia
South Africa Spain Sri Lanka Sudan Swaziland Sweden Switzerland
Syria Taiwan Tanzania Thailand Togo Trinidad and Tobago Tunisia
Turkey Uganda United Kingdom United States Uruguay Venezuela
Vietnam West Bank and Gaza Yemen, Rep. Zambia Zimbabwe