Life Expectancy Data

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March 2022

1 About the Data

The data presented contains information related to life expectancy for 193 countries. It was collected over 16 years, from 2001-2015. It contains 2938 observations and 22 variables. After an initial look at the data we find some missing values and observations.

The data was collected from World Health Organization (WHO) and the United Nations (UN) websites with the help of Deeksha Russell and Duan Wang.

Source: `www.kaggle.com/datasets/kumarajarshi/life-expectancy-who`

2 Variables

- Country - Country name as a string e.g. Afghanistan.

- Year - The year the data was collected. It is a quantitative variable.

- Status - The status of the country. Either developing or developed. It is a categorical variable.

- Life Expectancy - The life expectancy in age. It is a quantitative variable.

- Adult Mortality - The number of adults (between 15 years old and 60 years old) that are expected to die out of a 1000 people population. This is a quantitative variable.

- Infant Deaths - The number of infant deaths out of a 1000 people population. This is a quantitative variable.

- Alcohol - Alcohol, recorded per capita (15+) consumption (in litres of pure alcohol)

- Percentage Expenditure - Expenditure on health as a percentage of Gross Domestic Product (GDP) per capita. This is a quantitative variable.

- Hepatitis B - Percentage of immunization among 1 year olds for Hepatitis B. This is a quantitative variable.

- Measles - The number of reported cases for measles from a 1000 people population. This is a quantitative variable.

- BMI - The average of the Body Mass Index (BMI) for the whole population. This is a quantitative variable.

- Under Five Deaths - The number of deaths under five years old out of a 1000 people population. This is a quantitative variable.

- Polio - Percentage of immunization among 1 year olds for Polio. This is a quantitative variable.

- Total Expenditure - General government expenditure on health as a percentage of total government expenditure. This is a quantitative variable.

- Diphtheria - Percentage of immunization among 1 year olds for Diphtheria tetanus toxoid and pertussis (DTP3). This is a quantitative variable.

- HIV/AIDS - Deaths per 1000 live births due to HIV/AIDS (0-4 years). This is a quantitative variable.

- GDP - Gross Domestic Product per capita in US Dollars. This is a quantitative variable.

- Population - Population of the country. This is a quantitative variable.

- Thinness 1-19 years - Prevalence of thinness among children and adolescents for age 10 to 19 as a percentage. This is a quantitative variable.

- Thinness 5-9 years - Prevalence of thinness among children for age 5 to 9 as a percentage. This is a quantitative variable.

- Income Composition of Resources - Human Development Index in terms of income composition of resources (index ranging from 0 to 1). This is a quantitative variable.

- Schooling - Number of years of schooling. This is a quantitative variable.