**Datasets and Data Dictionary**

**Human Development Index**

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| Variable | Brief Description | Data Type |
| Life Expectancy Index | A measure of the health of the population in a country, based on the expected years a person is expected to live. | Numeric - Continuous |
| Income Index | A measure of the purchasing power of the populace based on the Gross National Income per Capita. | Numeric – Continuous |
| Education Index | A measure of how educated the population of a country is based on the average number of years spent in school. | Numeric – Continuous |
| Greenhouse house gas per capita | Average amount of greenhouse gas emitted per capita. | Numeric – Continuous |
| Public expenditure on health | The amount the government of a country spends on the healthcare system of its country as a percentage of its GDP. | Numeric – Continuous |
| Fertility rate | A measure of the total number of children that would be born to each woman if she were to live to the end of her child-bearing years. | Numeric – Continuous |
| Out of pocket expenditure on healthcare | It the amount of expenses borne directly by each person on healthcare. | Numeric – Continuous |
| Youth mortality rate | Probability of dying among children and youths during the year. | Numeric – Continuous |
| Burden of disease | Describes the total cumulative consequences of a range of harmful diseases on a population. | Numeric - Continuous |

**Gross Domestic Product per Capita (Purchasing Power Parity)**

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| Variable | Brief Description | Data Type |
| GDP Per Capita PPP | GDP per capita (PPP based) is gross domestic product converted to international dollars using purchasing power parity rates and divided by total population. | Numeric – Continuous |
| Real GDP Growth | Annual percentage growth rate of GDP at market prices based on constant local currency. Aggregates are based on constant 2015 prices, expressed in U.S. dollars | Numeric – Continuous |
| Gross Fixed Investment (% growth) | Average annual growth of gross fixed capital formation based on constant local currency. Aggregates are based on constant 2015 prices, expressed in U.S. dollars. | Numeric – Continuous |
| Export Goods & Services (% GDP) | Percentage of GDP that are exports where exports are goods and services produced domestically but sold abroad. | Numeric – Continuous |
| Import of Goods & Services (% GDP) | Percentage of GDP that are imports where imports are goods and services produced abroad but sold domestically. | Numeric – Continuous |
| Government Consumption Expenditure (% GDP) | Percentage of GDP that is government consumption expenditure. Government consumption expenditure includes all government current expenditures for purchases of goods and services. | Numeric – Continuous |
| Private Consumption Expenditure (% growth) | Annual percentage growth of household and NPISHs final consumption expenditure based on constant local currency. Aggregates are based on constant 2015 prices, expressed in U.S. dollars. | Numeric – Continuous |
| Inflation Rate | Inflation as measured by the consumer price index reflects the annual percentage change in the cost to the average consumer of acquiring a basket of goods and services that may be fixed or changed at specified intervals, such as yearly. | Numeric – Continuous |
| Total Reserves | Total reserves comprise holdings of monetary gold, special drawing rights, reserves of IMF members held by the IMF, and holdings of foreign exchange under the control of monetary authorities. Data are in current U.S. dollars. | Numeric – Continuous |
| Exchange Rate | Official exchange rate refers to the exchange rate determined by national authorities or to the rate determined in the legally sanctioned exchange market. It is calculated as an annual average based on monthly averages (local currency units relative to the U.S. dollar). | Numeric – Continuous |
| Net Foreign Direct Investment (BOP) | Foreign direct investment are the net inflows of investment to acquire a lasting management interest (10 percent or more of voting stock) in an enterprise operating in an economy other than that of the investor. It is the sum of equity capital, reinvestment of earnings, other long-term capital, and short-term capital as shown in the balance of payments. This series shows total net FDI. Net FDI outflows are assets and net FDI inflows are liabilities. Data are in current U.S. dollars. | Numeric – Continuous |
| Net Foreign Asset | Net foreign assets are the sum of foreign assets held by monetary authorities and deposit money banks, less their foreign liabilities. Data is in current local currency. | Numeric – Continuous |
| Gross Capital Formation | Gross capital formation (formerly gross domestic investment) consists of outlays on additions to the fixed assets of the economy plus net changes in the level of inventories. | Numeric – Continuous |
| Male Adult Mortality Rate | Adult mortality rate, male, is the probability of dying between the ages of 15 and 60--that is, the probability of a 15-year-old male dying before reaching age 60, if subject to age-specific mortality rates of the specified year between those ages. | Numeric – Continuous |
| Female Adult Mortality Rate | Adult mortality rate, female, is the probability of dying between the ages of 15 and 60--that is, the probability of a 15-year-old female dying before reaching age 60, if subject to age-specific mortality rates of the specified year between those ages. | Numeric – Continuous |
| Government Effectiveness | Perceptions of the quality of public services, the quality of the civil service and the degree of its independence from political pressures, the quality of policy formulation and implementation, and the credibility of the government's commitment to such policies. | Numeric – Continuous |
| Human Development Index | A composite index to measure the level of development of a country based on three factors - life expectancy, education, and income indicators. | Numeric – Continuous |
| Major.event | ‘1’ indicates a major economic event occurred, eg The Global Financial Crisis/ 911 Recession. ‘0’ for no event in that year | Logical – Categorical |
| GDP per Capita PPP (Year+1) | Outcome variable, GDP per Capita for the next year. | Numeric – Continuous |

**Political Stability – Fragile State Index**

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| Variable | Brief Description | Data Type |
| Fragile State Index | The index aims to assess states' vulnerability to conflict or collapse, ranking all sovereign states with membership in the United Nations where there is enough data available for analysis. It is a form of measure of political stability | Numeric – Continuous |
| Rule of Law | This index measures the quality of law enforcement within the country. | Numeric – Continuous |
| Voice Accountability | This variable reflects the ability of an individual to be able to express their beliefs and preferences, to be able to organize and form and participate in groups, to be able to communicate and express through media, as well as to be able to select and make demands from their government. | Numeric – Continuous |
| No Violence Index | This measures the likelihood of violence because of political instability or a certain politically driven agenda such as riots or even terrorism. | Numeric – Continuous |
| Corruption Perception Index | The corruption perception index measures the perceived levels of public sector corruption where corruption is defined as the abuse of power entrusted to the individual for private gain. This index is also very highly correlated to black market activity as well as the overabundance of regulation, which both also aims to represent the level of corruption within countries. | Numeric – Continuous |
| Human Development Index | The HDI aims to measure the level of development of a country based on three factors - life expectancy, education, and income indicators. | Numeric – Continuous |
| Life Satisfaction | This measures how people evaluate how satisfied they are with their life given the current circumstances that they are living in. | Numeric – Continuous |
| Healthcare Exp (% of GDP) | Government healthcare expenditure is represented as a percentage of the current GDP of the country. | Numeric – Continuous |
| GDP per Capita | This is a measure of the economic output of a country per person. This index provides the prosperity of a nation based on the economic growth per person and can also be used as a measure of standard of living within a country. | Numeric – Continuous |
| Unemployment Rate (% of labour force) | This measures the percentage of a country’s labor force that is without a job. A country’s labor force comprises all citizens of legal working age and are able and willing to work, excluding individuals who are unable to work either by choice or by other circumstances. | Numeric – Continuous |
| Development Aid per Capita | This measure consists of loans and grants received by countries to promote economic development and welfare per citizen within the country. | Numeric – Continuous |
| FSI (Year+1) | Outcome variable, FSI 1 year later from base year. | Numeric – Continuous |
| FSI (Year+4) | Outcome variable, FSI 4 years later from the base year. | Numeric – Continuous |
| Fragility Category (Year+1) | FSI grouped into different categories. Ranging from: Very sustainable, Sustainable, More Stable, Stable, Less Stable, Warning, Elevated Warning, High Warning, Alert, High Alert, Very High Alert. Fragility Category 1 year later from base year. | Character – Categorical |
| Fragility (Year+4) | Fragility Category 4 years later from base year. | Character – Categorical |
| Economy Type | Based on classification of economy. Ranging from: Developed, Developing, Least Developed and Transitioning | Character- Categorical |