CODEBOOK

[World Macroeconomic Outlook]

1. Introduction

Welcome to the world macroeconomic outlook codebook! This codebook is a comprehensive guide for the world macroeconomic dataset which quantitatively enumerates the global economic landscape, including key economic indicators, trends, and projections. Whether you are a student, researcher, policymaker, or investor, this codebook is a valuable resource for using, analyzing, and interpreting the cleaned world economic outlook dataset. This codebook aims to help you better understand the current state of the global economy and make informed decisions about investments, policy, and other economic activities.

1. Sources and Methodology

The World Macroeconomic dataset is derived from selected macroeconomic data from the statistical appendix of the World Economic Outlook database, which presents the state of the world economy in the past and present. Our dataset is derived from the World Economic Outlook database, October 2022. This database is maintained and updated by IMF Economists by collating data for each of the economic indicators from all its member countries and from various international organizations. The calculative methodology of each macroeconomic indicator is mentioned in detail in the variable description.

Source Link: <https://www.imf.org/en/Publications/WEO/weo-database/2022/October>

1. Overview of the Dataset

The following pages provide an overview of the dataset, variables, and basic information pertaining to the variables.

|  |  |
| --- | --- |
|  |  |

|  |  |
| --- | --- |
| **Dataset name:** |  |
| **Dataset size:** | 719.4 Kb |
| **Column count:** | 16 |
| **Row count:** | 3,920 |
| **Updated date:** | 2023-03-21 |

**Column Attributes:**

|  |  |  |
| --- | --- | --- |
| **1** | **Column name:** | **RID** |
|  | Column description: | Serial Number |
|  | Source information: | Created by R code |
|  | Data type: | Character |
|  | Unique non-missing value count: | 3,920 |
|  | Missing value count: | 0 |

|  |  |  |
| --- | --- | --- |
| **2** | **Column name:** | **COUNTRY** |
|  | Column description: | IMF Member Country |
|  | Source information: | World Economic Outlook Database 2022 |
|  | Data type: | Character |
|  | Unique non-missing value count: | 196 |
|  | Missing value count: | 0 |

|  |  |  |
| --- | --- | --- |
| **3** | **Column name:** | **ISO** |
|  | Column description: | Country Code for IMF Member Country |
|  | Source information: | World Economic Outlook Database 2022 |
|  | Data type: | Character |
|  | Unique non-missing value count: | 196 |
|  | Missing value count: | 0 |

|  |  |  |
| --- | --- | --- |
| **4** | **Column name:** | **Country\_Code** |
|  | Data type: | Character |
|  | Unique non-missing value count: | 196 |
|  | Missing value count: | 0 |

|  |  |  |
| --- | --- | --- |
| **5** | **Column name:** | **YEAR** |
|  | Column description: | Year |
|  | Source information: | World Economic Outlook Database 2022 |
|  | Data type: | Character |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **6** | **Column name:** | | | **NGDP\_RPCH** | | | |
|  | Column description: | | | % change in Gross domestic product, constant prices | | | |
|  | Source information: | | | World Economic Outlook Database 2022 | | | |
|  | Data type: | | | Numeric | | | |
|  | Unique non-missing value count: | | | 3,306 | | | |
|  | Missing value count: | | | 40 | | | |
| Min | | Mean | Median | | Max | SD |
| -54.01 | | 3.30 | 3.49 | | 86.83 | 5.83 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **7** | **Column name:** | | | **PPPSH** | | | |
|  | Column description: | | | Gross domestic product based on purchasing-power-parity as a share of the world total | | | |
|  | Source information: | | | World Economic Outlook Database 2022 | | | |
|  | Data type: | | | Numeric | | | |
|  | Unique non-missing value count: | | | 1,039 | | | |
|  | Missing value count: | | | 163 | | | |
| Min | | Mean | Median | | Max | SD |
| 0.00 | | 0.53 | 0.06 | | 20.01 | 1.76 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **8** | **Column name:** | | | **PCPIPCH** | | | |
|  | Column description: | | | % change in Inflation, average consumer prices | | | |
|  | Source information: | | | World Economic Outlook Database 2022 | | | |
|  | Data type: | | | Numeric | | | |
|  | Unique non-missing value count: | | | 3,305 | | | |
|  | Missing value count: | | | 56 | | | |
| Min | | Mean | Median | | Max | SD |
| -72.73 | | 6.00 | 3.37 | | 557.21 | 17.60 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **9** | **Column name:** | | | **LUR** | | | |
|  | Column description: | | | % of total population Unemployed | | | |
|  | Source information: | | | World Economic Outlook Database 2022 | | | |
|  | Data type: | | | Numeric | | | |
|  | Unique non-missing value count: | | | 1,609 | | | |
|  | Missing value count: | | | 1,701 | | | |
| Min | | Mean | Median | | Max | SD |
| 0.66 | | 9.01 | 7.40 | | 38.40 | 6.03 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **10** | **Column name:** | | **UR** | | | |
|  | Column description: | | Nature of Unemployment | | | |
|  | Source information: | | created from LUR variable | | | |
|  | Data type: | | Factor | | | |
|  | Unique non-missing value count: | | 4 | | | |
|  | Missing value count: | | 0 | | | |
| Categories | | Frequency | | Cumulative Frequency | Percent |
| Low (LUR<5) | | 537 | | 537 | 13.70 |
| Moderate (5<LUR>7) | | 22 | | 559 | 0.56 |
| High (LUR>9) | | 792 | | 1,351 | 20.20 |
| 99 (NA) | | 2,569 | | 3,920 | 65.54 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | **Column name:** | | | **LP** | | | |
|  | Column description: | | | Population in Millions | | | |
|  | Source information: | | | World Economic Outlook Database 2022 | | | |
|  | Data type: | | | Numeric | | | |
|  | Unique non-missing value count: | | | 3,321 | | | |
|  | Missing value count: | | | 90 | | | |
| Min | | Mean | Median | | Max | SD |
| 0.01 | | 22.44 | 6.97 | | 331.23 | 42.28 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **12** | **Column name:** | | | **GGR\_NGDP** | | | |
|  | Column description: | | | General government revenue as % of GDP | | | |
|  | Source information: | | | World Economic Outlook Database 2022 | | | |
|  | Data type: | | | Numeric | | | |
|  | Unique non-missing value count: | | | 3,671 | | | |
|  | Missing value count: | | | 77 | | | |
| Min | | Mean | Median | | Max | SD |
| 1.98 | | 29.22 | 26.22 | | 170.22 | 15.64 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **13** | **Column name:** | | | **GGX\_NGDP** | | | |
|  | Column description: | | | General government Expenditure as % of GDP | | | |
|  | Source information: | | | World Economic Outlook Database 2022 | | | |
|  | Data type: | | | Numeric | | | |
|  | Unique non-missing value count: | | | 3,684 | | | |
|  | Missing value count: | | | 85 | | | |
| Min | | Mean | Median | | Max | SD |
| 2.34 | | 31.17 | 28.95 | | 137.36 | 14.97 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **14** | **Column name:** | | | **GGXWDN\_NGDP** | | | |
|  | Column description: | | | General government net debt as % of GDP | | | |
|  | Source information: | | | World Economic Outlook Database 2022 | | | |
|  | Data type: | | | Numeric | | | |
|  | Unique non-missing value count: | | | 1,724 | | | |
|  | Missing value count: | | | 2,176 | | | |
| Min | | Mean | Median | | Max | SD |
| -131.83 | | 39.59 | 34.78 | | 550.97 | 45.09 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **15** | **Column name:** | | **SUS** | | | |
|  | Column description: | | Nature of Debt | | | |
|  | Source information: | | Created from General government net debt | | | |
|  | Data type: | | Factor | | | |
|  | Unique non-missing value count: | | 3 | | | |
|  | Missing value count: | | 0 | | | |
| Categories | | Frequency | | Cumulative Frequency | Percent |
| Sustainable (GGXWDN\_NGDP<=77) | | 1,515 | | 1,515 | 38.65 |
| Unsustainable  (GGXWDN\_NGDP>77) | | 229 | | 1,744 | 5.84 |
| 99(NA) | | 2,176 | | 3,920 | 55.51 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **16** | **Column name:** | | | **BCA\_NGDPD** | | | |
|  | Column description: | | | Current Account Balance as % of GDP | | | |
|  | Source information: | | | World Economic Outlook Database 2022 | | | |
|  | Data type: | | | Numeric | | | |
|  | Unique non-missing value count: | | | 3,515 | | | |
|  | Missing value count: | | | 172 | | | |
| Min | | Mean | Median | | Max | SD |
| -84.78 | | -1.72 | -2.66 | | 314.91 | 15.06 |

Thank you.