

Explorer

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Welcome to the data portal page

The majority of this website is built as an interactive data science app with user post capability. The purpose of this design was to ensure data, insights and models powering solutions are **accessible** to everyone both in terms of complexity but also in language.

However, to fully harness data it's often best to have access to all data both raw and those cleaned and enhanced using machine learning. This page contains both raw versions and clean versions (where relevant) of data sets powering the **Addressing GBV** app

Download datasets

+ World Bank Statistics

Download World bank features (cleaned and enriched)

World bank features is one of the data sets produced by this website.

The file has 53 records and contains 253 feature columns - that is one record per country and hence appropriate for country level models.

One of the enrichments to this dataset was the inclusion of the machine learning generated country cluster. A country cluster is one of 3 groupings of countries, where groupings are defined based on their similarity off world bank variables (features).

The major cleaning set was to select the latest period of data such that counties only had one value for a variable. This transformation ensures that the data is appropriate for country level models. This was particularly important in our 'Gender attitudes towards GBV' section of the website.

For more details on the enrichment process, cleaning process and use cases please see:

- World bank documentation page
- Code for cleaning and enrichment `etl_scripts/world_bank/world_bank_etl.py`
- Country clusters page under the World Bank section of this website

Download Full world bank data sets (raw)

This download includes all the below listed world bank datasets in a single download.

The world bank data was sourced from their [website](#).

A high level overview of the data sets:

- Public Life and Decision Making: Represents the status of the woman in public life and decision making (parliament seats, Proportion of women in ministerial level positions..)
- Health_Data: indicators related to health (like Suicide mortality rate, female ...)
- Education: indicators related to Education such as (Female share of graduates from(STEM) programmes,Female share of graduates in Health and Welfare programmes,Children out of school ,Literacy rate ...) -Economic Opportunities : (Children in employment, female (% of female children ages 7-14) , Number of female business owners)
- Economic and Social Context: (Completeness of birth registration ,Rural population, female (% of total)...)
- Social Status: This one is so important because it contains data related to gender violence (Female genital mutilation prevalence (%),Proportion of women who have ever experienced intimate partner violence (% of women age 15-49) ...)

The download will also include other metadata, variable descriptions, motivations and potential use cases for the data.

Download Economic and Social Context (raw)

This dataset consists of 1590 records relating to social and economic variables. The data includes:

- 53 African countries
- Yearly statistics from 2014 to 2019

Not all countries have data available for all years.

Variables include, but are not limited to:

- Population data, such as birth rates and registrations, death rates, population by ages and life expecatancy
- Economic indicator, such as GDP and Human capital index

Download Economic Opportunities (raw)

This dataset consists of 7844 records relating to economic opportunities. The data includes:

- 53 African countries
- Yearly statistics from 2014 to 2019

Not all countries have data available for all years.

Variables include, but are not limited to:

- Employment and economic participation split across ages and genders
- Employment benefits for retirement, maternity / paternity
- Ownership of assets and financial accounts
- Statistics regarding business starting

Download Education Data (raw)

This dataset consists of 1802 records relating to education. The data includes:

- 53 African countries
- Yearly statistics from 2014 to 2019

Not all countries have data available for all years.

Variables include, but are not limited to:

- Educational attainment, such asa % of population with at least primary education, masters etc. - split by gender
- Literacy rates and expected year's of schooling, split by gender
- Proportion of females in different educational sections, e.g. in 'Information technology'

Download Health data (raw)

This dataset consists of 3021 records relating to health. The data includes:

- 53 African countries
- Yearly statistics from 2014 to 2019

Not all countries have data available for all years.

Variables include:

- Cause of death, by cause, as percent of some sub-group
- Access to health care
- Incidence and prevalence rates certain diseases and death

Download Public Life and Decision Making Data (raw)

This dataset consists of 1061 records relating to public life and decision making. The data includes:

- 53 African countries
- Yearly statistics from 2014 to 2019

Not all countries have data available for all years.

Variables include:

- Primary decision makers in a variety of situation, including household purchases, health care and family visits
- Whether females partake in decisions (even if not the main decision maker)

Download Social Status Data (raw)

This dataset consists of 2491 records relating to social status. The data includes:

- 53 African countries
- Yearly statistics from 2014 to 2019

Not all countries have data available for all years.

Variables include:

- Family planning related variables
- Gender based violence information including attitudes and report GBV numbers
- Female freedom in certain activities, e.g. divorce

+ Acts and Laws

+ Publications

+ Global shapefile

+ Gender attitudes

+ Female Reproductive Health

+ Tweet data