

Mortality and Immunization Trends in Africa

Overview

Analyzed WHO health data to uncover mortality disparities across African countries and the relationship with immunization coverage.

Dataset

Eight merged datasets covering child, youth, maternal mortality, vaccination rates, and health access across 50+ African nations.

Tools & Techniques

Python (Pandas, Seaborn, Plotly, Matplotlib), Jupyter Notebook

Key Insights

Regions with higher immunization coverage showed lower child mortality. Sub-Saharan Africa had higher maternal mortality rates. Variability exists even among countries with similar income levels.

Business/Public Health Impact

Supports NGOs and governments in targeting immunization campaigns, healthcare access, and resource prioritization based on data.