



Sustainable Development Data Platform

This presentation outlines a new data platform designed to accelerate progress towards the UN Sustainable Development Goals (SDGs).



by Nothando mthethwa



SDG and Problem Alignment

1 SDG 3: Good Health

Focus on reducing maternal mortality rates in rural areas, which disproportionately experience higher risks.

2 SDG 7: Clean Energy

Addressing low access to renewable energy in remote communities, promoting sustainable energy solutions.

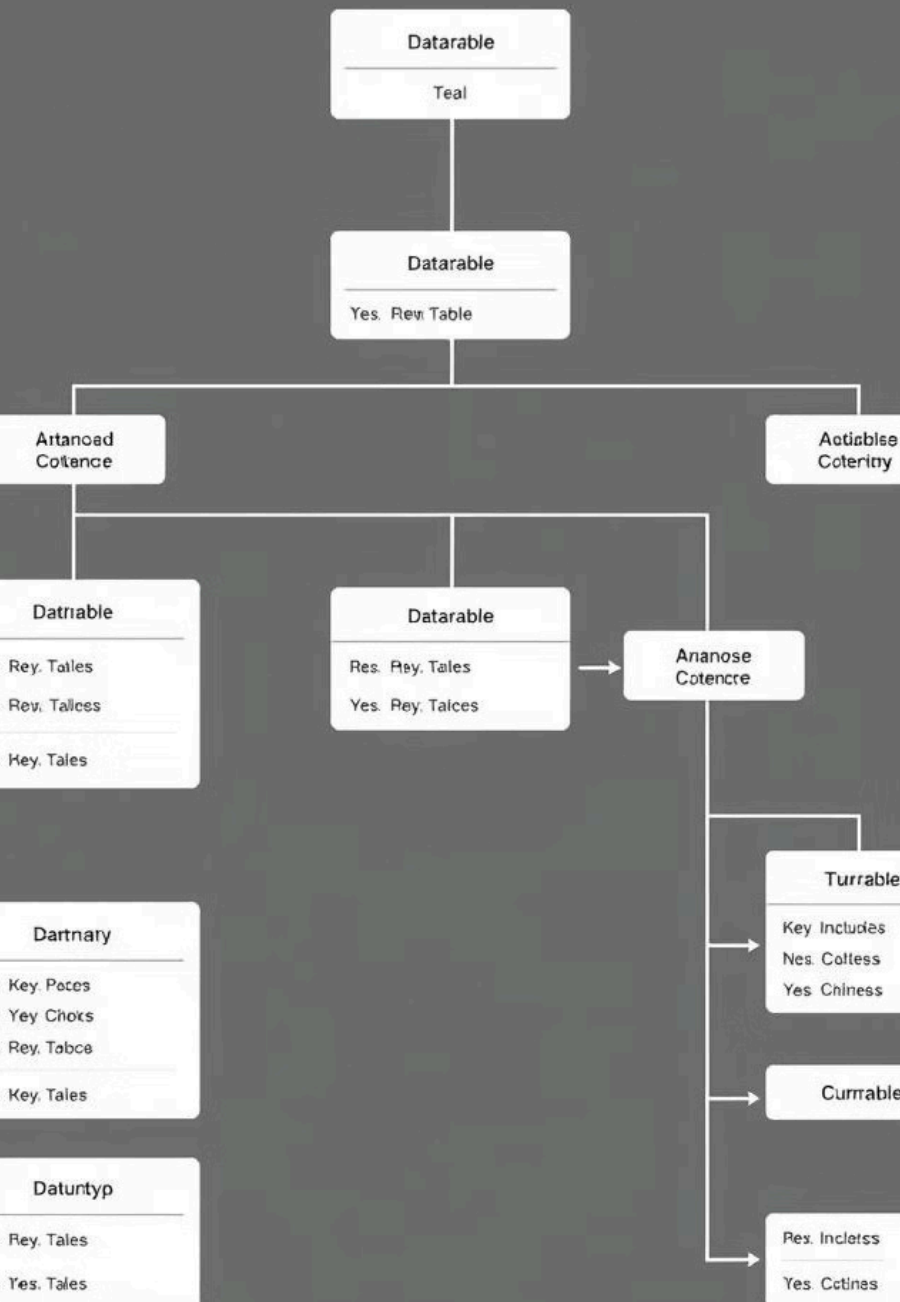
3 Data-driven Insights

Leveraging data to identify trends, pinpoint specific challenges, and inform targeted interventions.

4 Empowering Action

Providing insights to empower policymakers, NGOs, and communities to take informed action.

Database Design and Schema



| Data Source | Data Type | Description |
|--------------------|------------------------|--|
| Demographic Data | Numerical, Categorical | Population demographics, age, gender, location |
| Health Data | Numerical, Categorical | Maternal mortality rates, birth outcomes, health services access |
| Energy Data | Numerical, Categorical | Energy consumption patterns, renewable energy sources, access to electricity |
| Socioeconomic Data | Numerical, Categorical | Poverty levels, education attainment, employment rates |

Data Analysis Insights

Maternal Health

Analysis reveals a strong correlation between rural location and higher maternal mortality rates, highlighting the need for improved healthcare access.

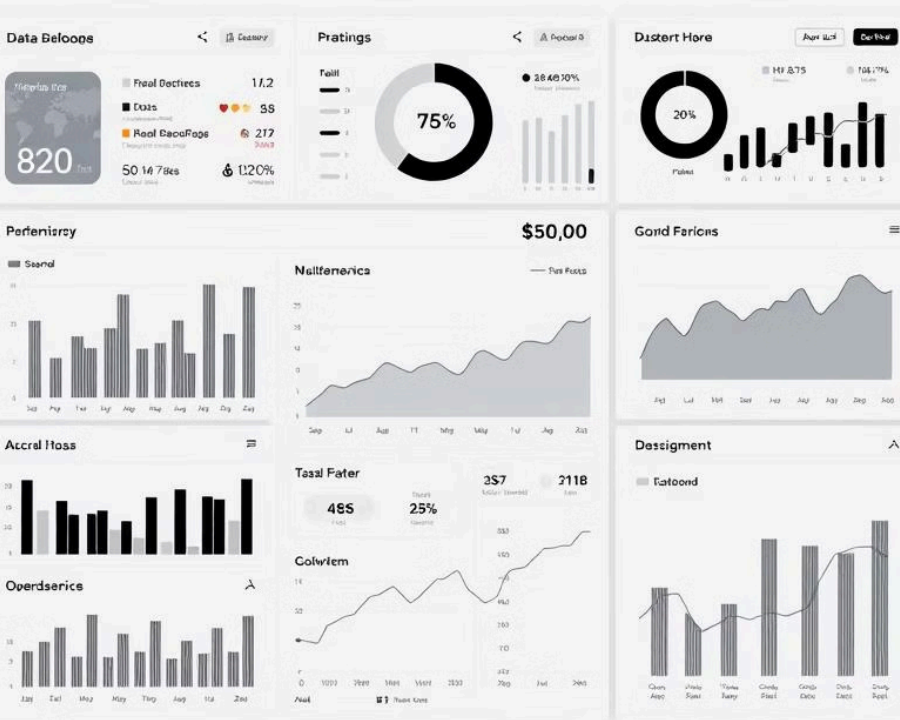
Energy Access

Data indicates a significant gap in access to renewable energy sources in remote communities, emphasizing the need for targeted interventions.

Key Findings

Data analysis provides insights to inform interventions, prioritize resources, and measure the impact of initiatives.

Excel Dashboard Demo



Key Metrics

The dashboard presents key metrics related to maternal health, energy access, and socioeconomic indicators, providing a comprehensive overview.

Interactive Features

Users can filter data, drill down into specific areas, and customize the dashboard based on their needs.

Data-driven Insights

The dashboard provides data-driven insights that inform decision-making and guide strategic initiatives.

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SDG 3 (Good Health): Maternal Mortality

1

Problem

High maternal mortality rates in rural areas due to limited access to quality healthcare and skilled birth attendants.

2

Solution

Investing in infrastructure, training healthcare providers, and improving community awareness about maternal health services.

3

Impact

Reducing maternal mortality rates, ensuring safe pregnancies and deliveries, and improving the health and well-being of mothers and newborns.



SDG 7 (Clean Energy): Renewable Energy



Wind Power

Harnessing wind energy for electricity generation in areas with strong wind resources, promoting sustainable energy solutions.



Solar Power

Utilizing solar energy to provide electricity in remote areas with abundant sunlight, reducing reliance on fossil fuels.



Hydropower

Leveraging hydropower potential in regions with rivers and streams, generating clean and reliable electricity.



Biomass Energy

Utilizing agricultural waste and other organic materials to produce renewable energy, promoting sustainable waste management.



Conclusion and Next Steps

The data platform provides a powerful tool for monitoring progress towards the SDGs, empowering stakeholders with insights to drive positive change.