

No Poverty

The Impact of Colonialism on Land Distribution and Poverty in South Africa

- Project Overview: Analyzing how racial disparities in land distribution impact poverty in South Africa.
- SDG Alignment: SDG 1 – No Poverty and how equitable land distribution can reduce poverty.



Problem definition

In South Africa, the legacy of apartheid has resulted in significant racial disparities in land ownership and distribution. Historically marginalized communities, particularly Black South Africans, continue to face barriers to land access, which perpetuates poverty and economic inequality. This issue is compounded by ongoing systemic racism and inadequate policy responses.



Key Objectives

- Analyze land ownership patterns by race and location.
- Examine economic indicators.
- Investigate access to resources and government support.



Database Design & Schema

Tables:

- Community
- Land Ownership
- Economic Data
- Resource Access
- Survey Data



Data Retrieval & Analysis Approach

Land ownership by race

```
SELECT c.Name AS Community_Name,  
       lo.Owner_Name,  
       lo.Race,  
       lo.Land_Size,  
       lo.Land_Type  
FROM Land_Ownership lo  
JOIN Community c ON lo.Community_ID = c.Community_ID  
ORDER BY c.Name, lo.Land_Size DESC;
```

Economic Data

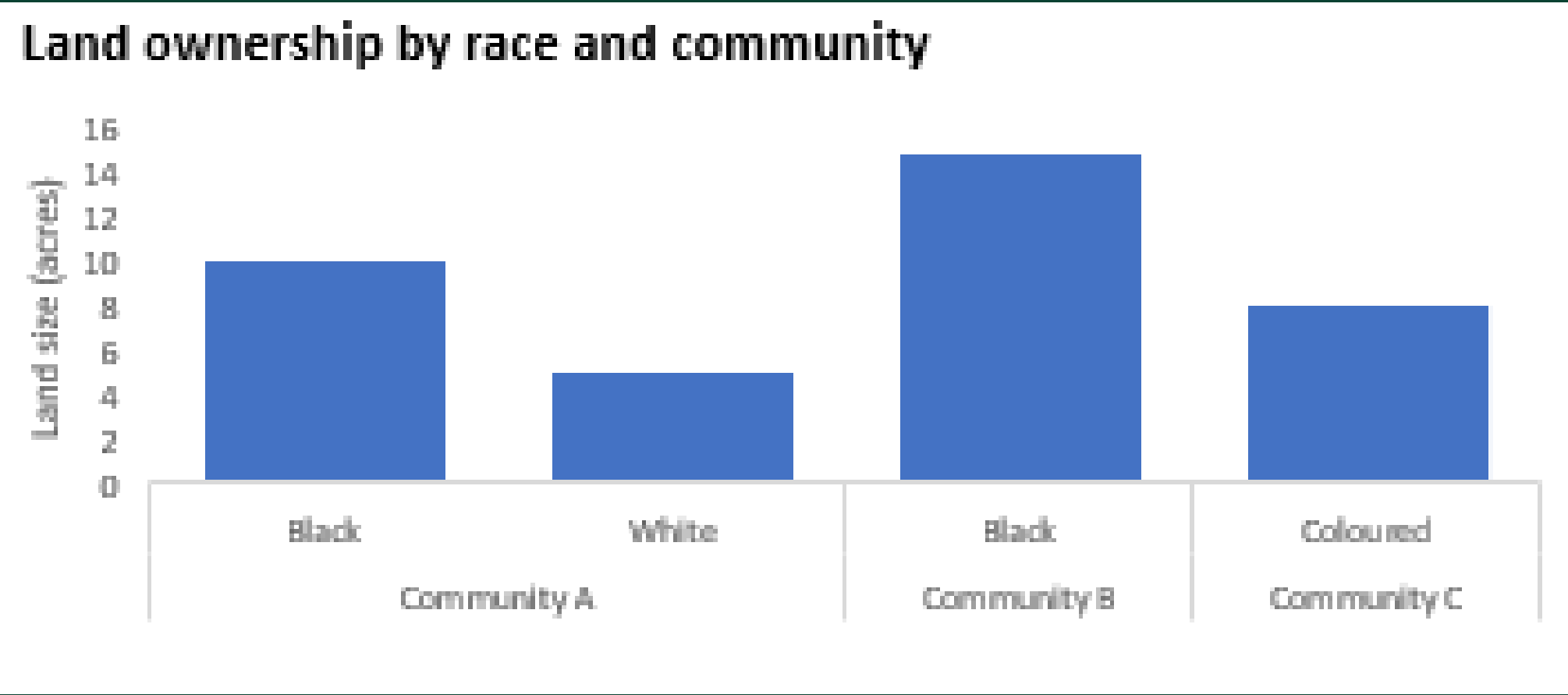
```
SELECT c.Name AS Community_Name,  
       ed.Year,  
       ed.Average_Income,  
       ed.Employment_Rate,  
       ed.Poverty_Rate  
FROM Economic_Data ed  
JOIN Community c ON ed.Community_ID = c.Community_ID  
ORDER BY ed.Year DESC, c.Name;
```

Resource Access Data

```
SELECT c.Name AS Community_Name,  
       ra.Year,  
       ra.Access_to_Credit,  
       ra.Access_to_Agricultural_Resources,  
       ra.Government_Support  
FROM Resource_Access ra  
JOIN Community c ON ra.Community_ID = c.Community_ID  
ORDER BY ra.Year DESC, c.Name;
```

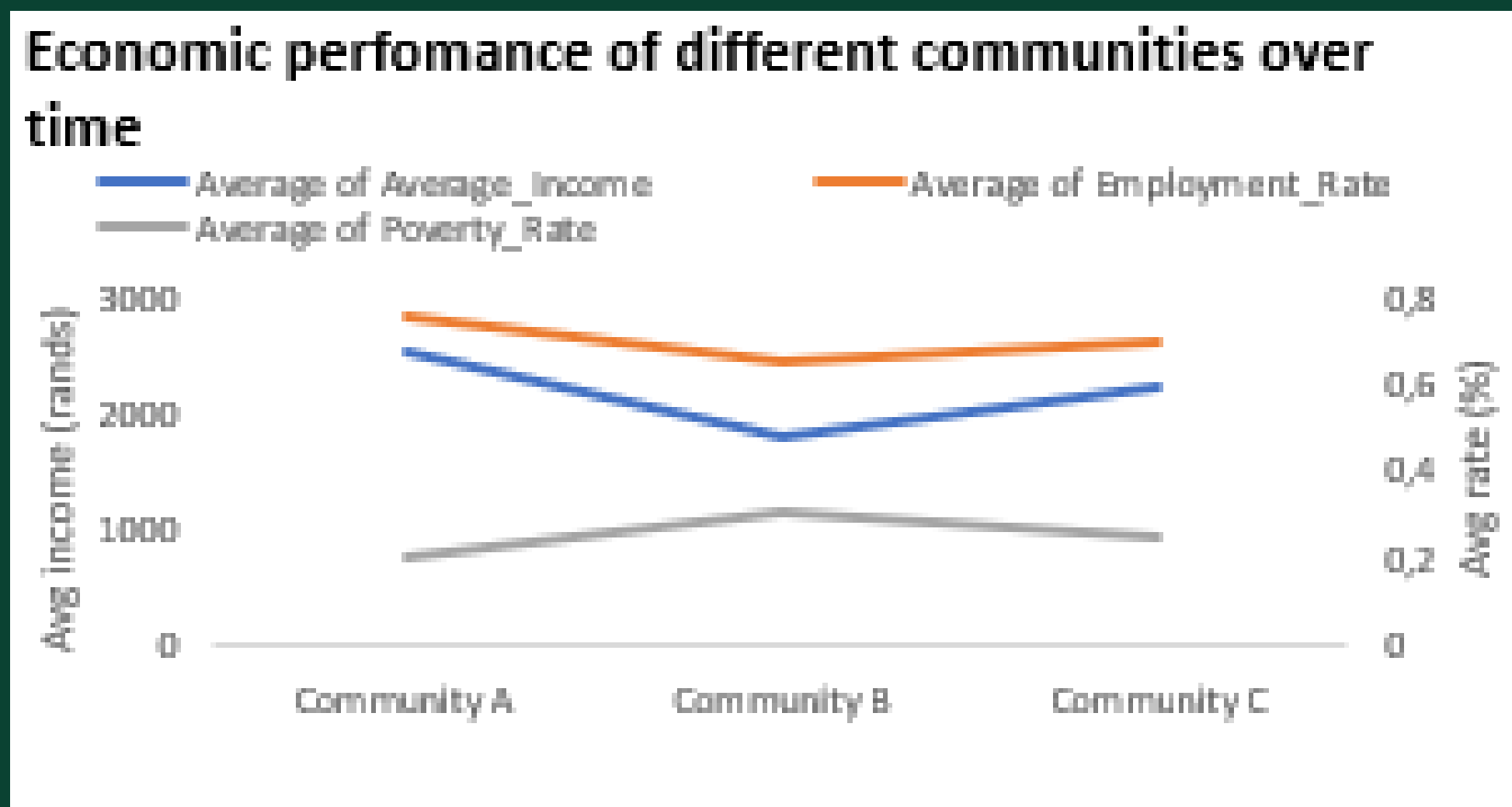
Data Insights: Land Ownership

Insight 1: Racial disparities in land ownership



Data Insights: Economic Outcomes

Insight 2: Correlation between land ownership and economic outcomes.



SDG-1: No Poverty Dashboard

38 Acres

Total Land Owned

25%

Avg Poverty Rate

Year

2022

Race

Black

Coloured

White

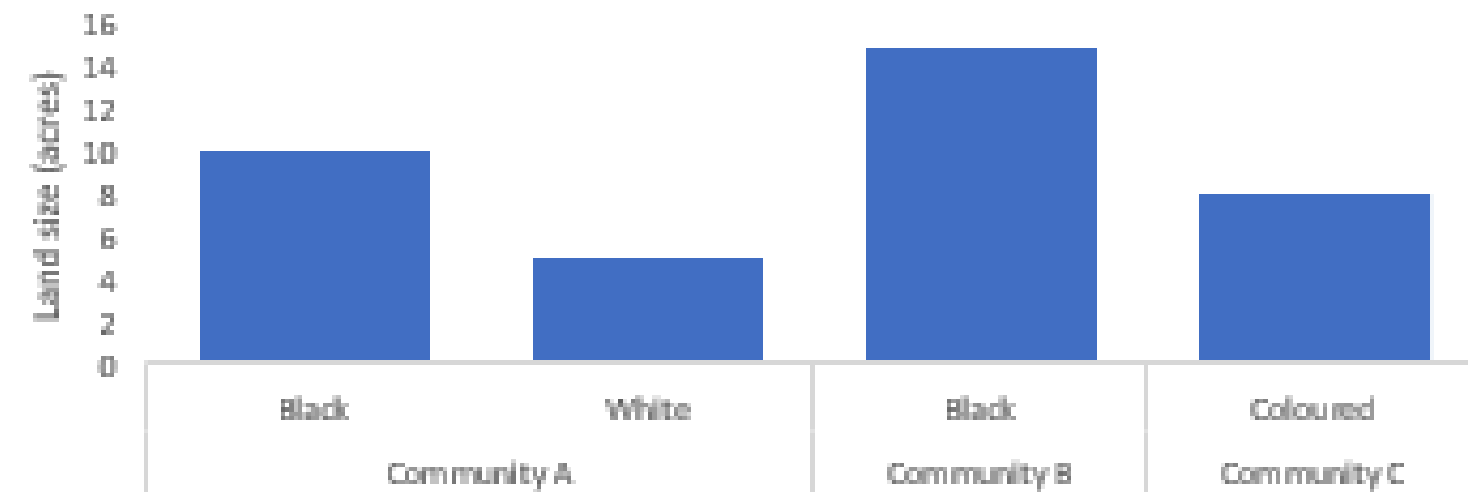
Name

Community A

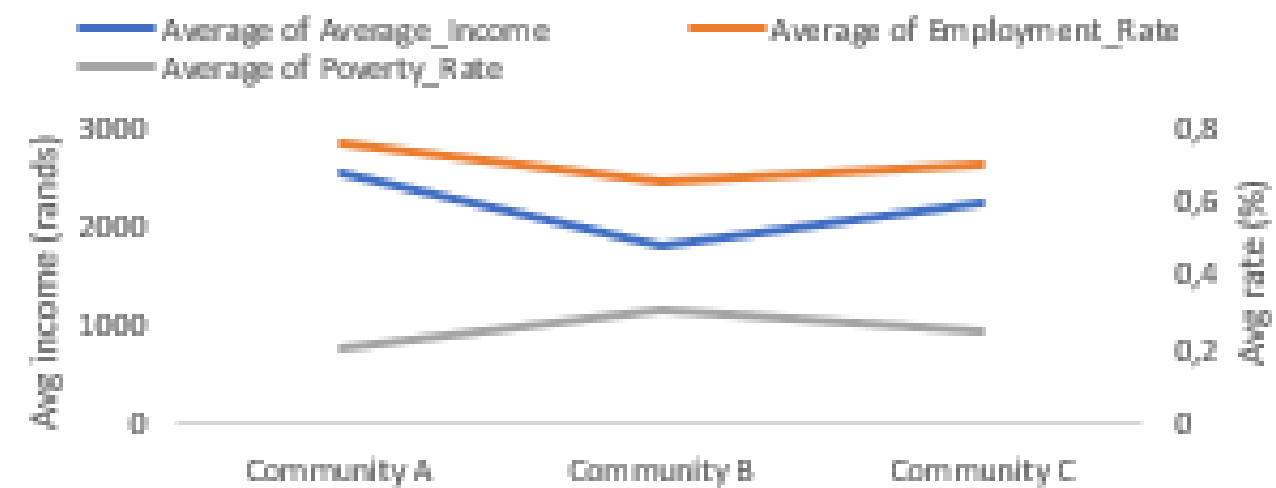
Community B

Community C

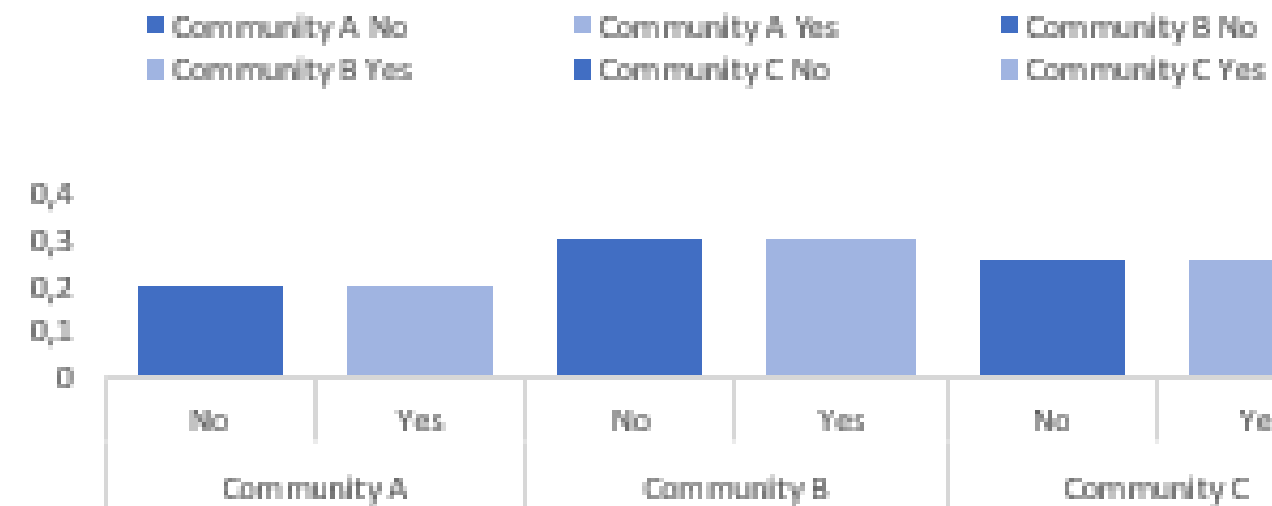
Land ownership by race and community



Economic performance of different communities over time



Resource Access disparities



Data Insights: Economic Outcomes

Key Findings: Communities with better access to resources and more secure land ownership (like Community A) tend to report higher levels of well-being and food security.

Next Steps:

- Expand Access to Credit and Resources
- Promote Sustainable Agricultural Practices
- Community-Based Research

3.Call to action: Encourage stakeholders to take data-driven actions.

Thank You!