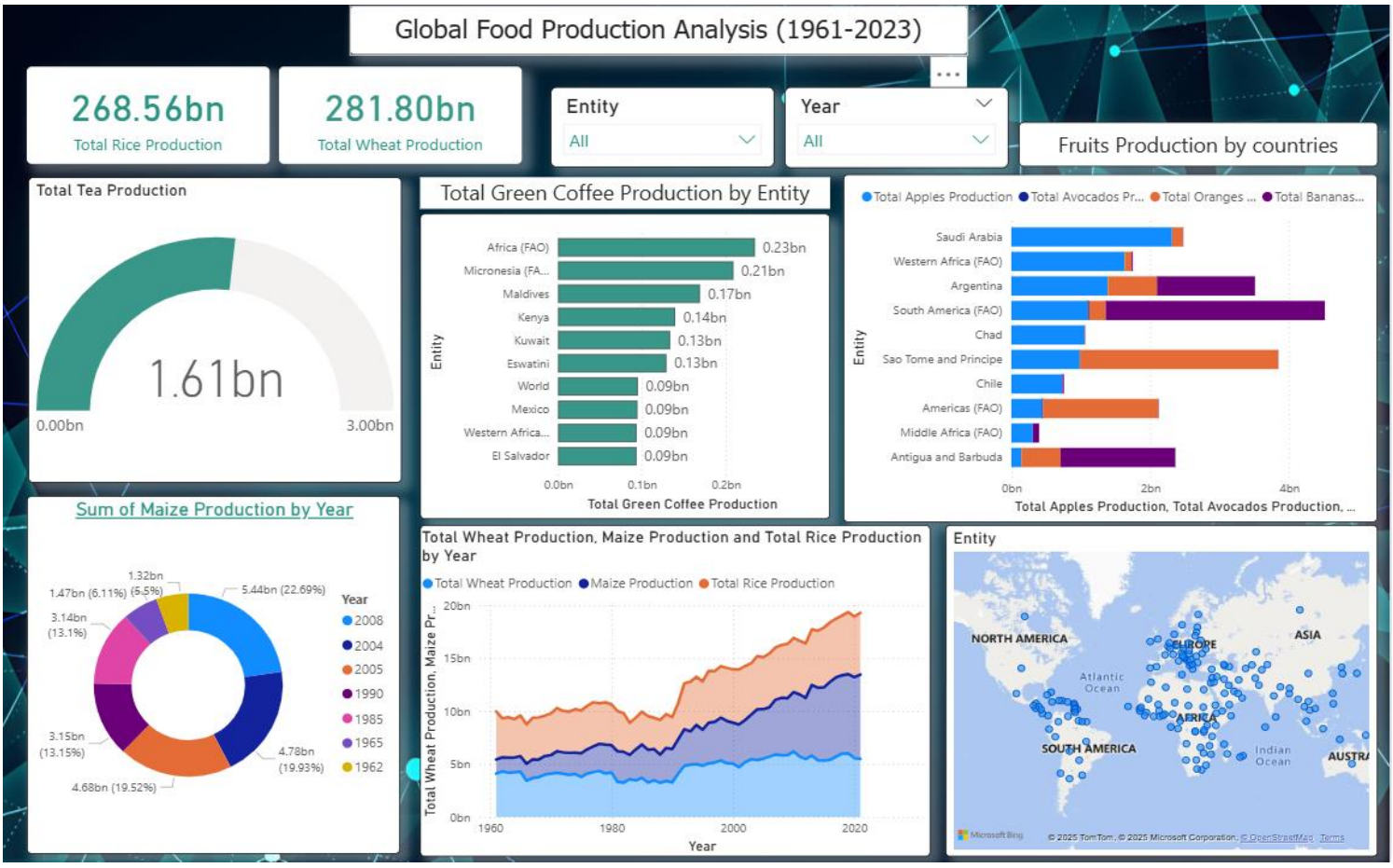
Report

Date	29 July 2025
Team ID	PNT2022TMIDxxxxxx
Project Name	Global Food Production Analysis(1961-2023)
Maximum Marks	5 Marks



Report

This report summarizes insights from a Power BI analysis of global food production between **1961 and 2023**. It focuses on key crops like **rice, wheat, maize, tea**, and various **fruits**, highlighting production trends and regional contributions.

1. Trends Over Time

An area chart shows a steady rise in **wheat, maize, and rice** production over the decades, with a noticeable spike in **rice** after 2000, likely due to growing demand and better farming methods.

2. Key Crop Totals

KPI visuals highlight:

- **Rice:** 268.56B tonnes
- **Wheat:** 281.80B tonnes
- **Tea:** 1.61B tonnes (via gauge visual)

These figures underline the scale of global crop output.

3. Leading Regions

A bar chart identifies **Africa (FAO)** and **Micronesia** as top **green coffee** producers.
Fruits like bananas and oranges are mainly produced in **South America (FAO)** and **Chad**.

4. Maize by Year

A donut chart shows **2005** and **1965** as peak years for maize production.

5. Geographic Overview

The map visual highlights top-producing countries, with strong activity in **Asia, Africa**, and **South America**.

6. Interactive Filters

Slicers for **Entity** and **Year** allow users to explore specific data points with ease.

Conclusion

The dashboard offers a clear view of long-term trends and regional strengths in global food production, supporting better decisions in agriculture and policy.