Dashboard Design

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

Activity 1: Interactive and visually appealing dashboards
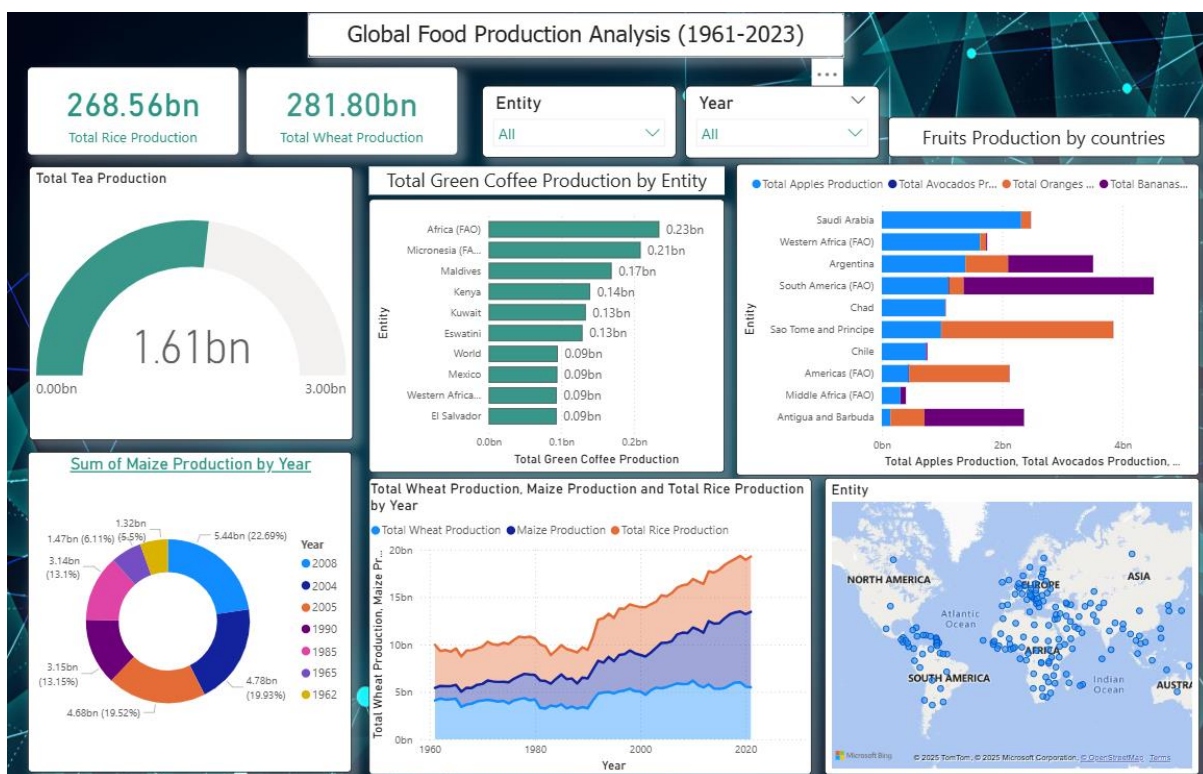
Major Outcomes from the Dashboard:

- **Rice and Wheat Production**:
  Two KPI cards display global rice and wheat production at **268.56B** and **281.80B tonnes**, offering a quick comparison of key staple crops.

- **Tea Production (Gauge Chart)**:
  A clean gauge visual shows **1.61B tonnes** of global tea output, providing a focused summary.

- **Green Coffee by Region**:
  A bar chart highlights top green coffee producers, with **Africa (FAO)** and **Micronesia** leading.

- **Fruit Production Overview**:
  Stacked bars compare the output of bananas, oranges, apples, and avocados by country — with **South America (FAO)** and **Chad** showing high yields.

- **Maize Production by Year**:
  A donut chart breaks down maize production across key years, with **2005** and **1965** showing strong output.

- **Crop Trends Over Time**:
  An area chart tracks rising production of **wheat, maize, and rice** from **1961–2023**.

- **Global Map View**:
  A map shows which countries and regions contribute most to global food production.

- **Interactive Filters**:
  Users can explore trends by **entity** and **year** using slicers, making the dashboard more interactive.