

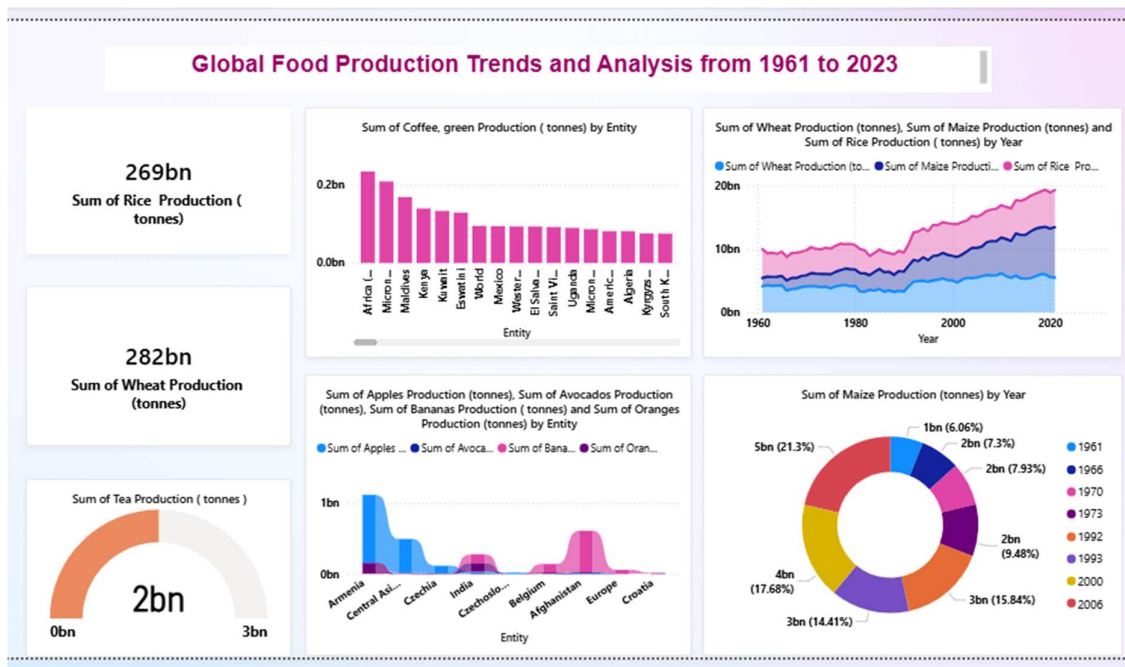
# Dashboard Design

|               |  |
|---------------|--|
| Date          | 1 October 2025   |
| Team ID       | SWUID20250181744   |
| Project Title | Global Food Production Trends and Analysis: A Comprehensive Study from 1961 to 2023 Using Power BI |
| Maximum Marks | 5 Marks  |

Creating an effective dashboard involves thoughtful design to ensure that the presented information is clear, relevant, and easily understandable for the intended audience. Here are some key principles and best practices for dashboard design

## Activity 1: Interactive and visually appealing dashboards

Creating interactive and visually appealing dashboards involves a combination of thoughtful design, effective use of visual elements, and the incorporation of interactive features.



Here are five key outcomes derived from the **“Global Food Production Trends and Analysis from 1961 to 2023”** dashboard:

**1. Total Wheat and Rice Production:**

- Wheat production leads globally with 282 billion tonnes, followed by rice at 269 billion tonnes, highlighting their dominance in global food output.

**2. Tea Production Overview:**

- The world produces approximately 2 billion tonnes of tea, reflecting moderate but consistent growth in global tea cultivation.

**3. Coffee Production Leaders:**

- African and Latin American regions are top contributors to green coffee production, significantly surpassing other regions in output.

**4. Historical Growth Trends (1961–2023):**

- The area chart shows a steady increase in rice, maize, and wheat production, especially after 1980, indicating advancements in agricultural technology and productivity.

**5. Maize Production Distribution:**

- The donut chart reveals progressive growth across decades, with maize production increasing from 1 billion tonnes (6%) in 1961 to 5 billion tonnes (21%) by 2023, showcasing rising demand and improved yields.