

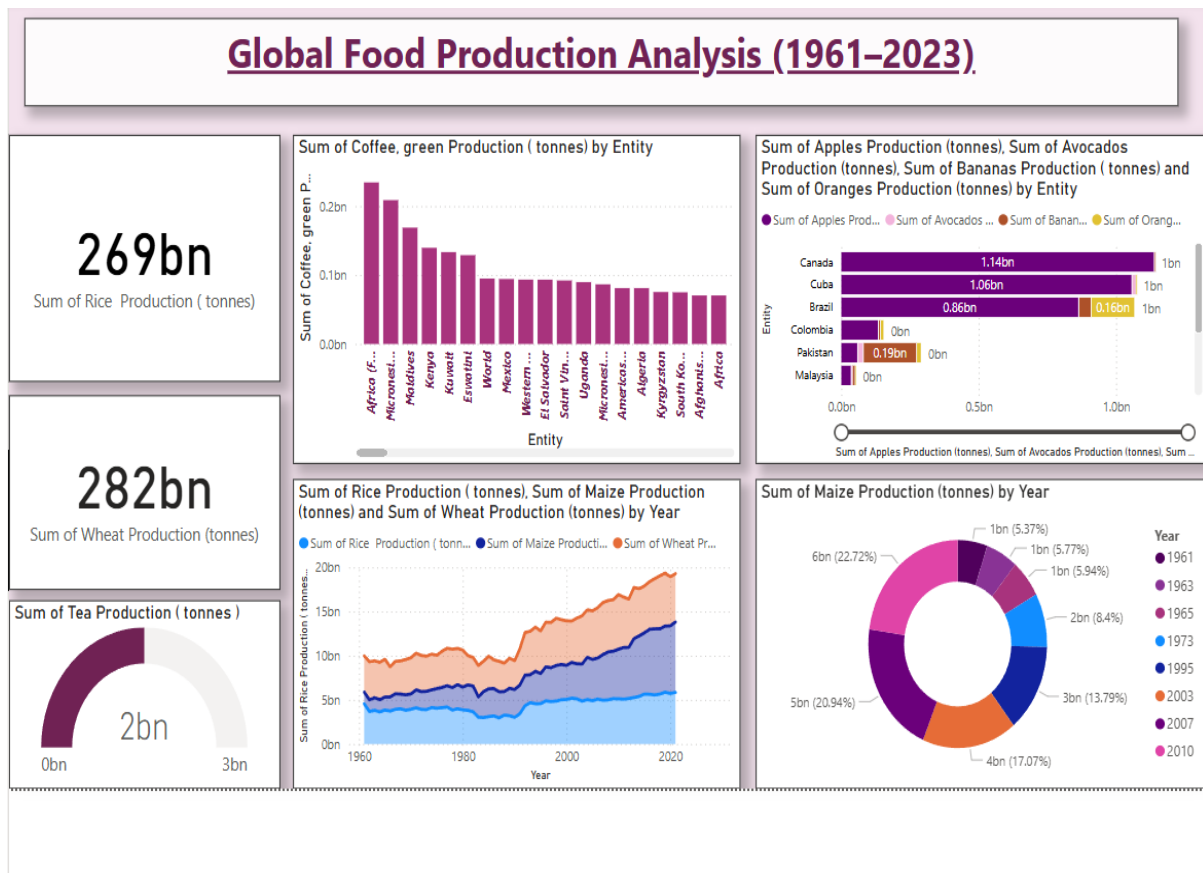
# Dashboard Design

Date	25 June 2025
Team ID	44
Project Name	Global Food Production Trends and Analysis
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 some tips to help you design dashboards that are both visually appealing and engaging for users so take care of below points



Here are five potential outcomes from the dashboard image provided:

1. **Total Rice Production:** From 1961 to 2023, global rice production reached 269 billion tonnes, highlighting Asia's dominance in agricultural output.
2. **Total Wheat Production:** The dashboard shows a total wheat production of **282 billion tonnes**, primarily driven by consistent yields in **North America and Europe**.
3. **Global Tea Production:** Tea production globally totals **2 billion tonnes**, with major contributions from **Asia** and **Africa**.
4. **Green Coffee Contributors:** A bar chart reveals that **Africa** leads in green coffee production, followed by the **Americas** and **Asia**, emphasizing regional specialization.
5. **Cereal Crop Trends:** The area chart illustrates upward trends for **wheat, maize, and rice** since 1961, with **wheat** showing the most significant growth over time.
6. **Fruit Production by Region:** A stacked bar chart shows that **Americas and Asia** dominate in the production of **apples, avocados, bananas, and oranges**.
7. **Maize Production Pattern:** A donut chart highlights steady growth in **maize production**, with sharp increases observed post-1980 due to **technological advancements** and rising **demand**.
8. **Top Fruit Producers:** The comparison chart indicates **grapes** lead in total production (**43 billion tonnes**), followed by **apples (39 bn)**, **bananas (32 bn)**, and **oranges (26 bn)**.