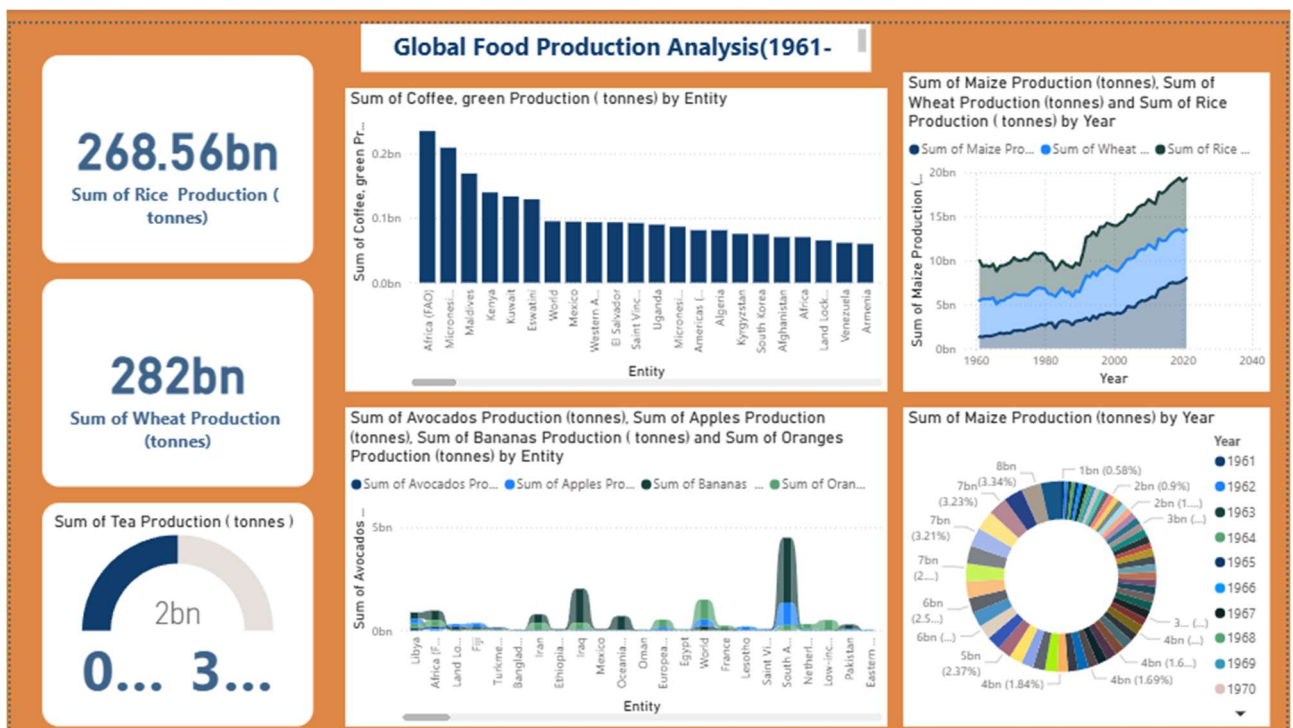


Dashboard Design

Date	30 September 2025
Team ID	SWUID20250185946
Project Name	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



Here are five potential outcomes from the dashboard image provided:

1. The year-wise line chart shows continual growth for maize, wheat, and rice production from 1961 onwards, indicating that global food production systems have been scaling successfully to meet increasing demands.

2. Bar charts suggest that some countries dominate specific product markets (like coffee, fruits), which hints at regional strengths or dependencies, possibly resulting in food security imbalances or export/import vulnerabilities.
3. The multi-series bar chart of Avocado, Apple, Banana, and Orange production shows which countries are the leading producers of these fruits. It also highlights the geographic distribution of each crop and identifies the major exporters.
4. The aggregate visuals indicate that global food production is becoming increasingly diversified—major cereals and selected cash crops (such as coffee and fruits) show high production levels, but regional disparities and different priority crops dominate across various regions. The rising trend suggests that the production base for food security is expanding; however, growing demand, climate change, and geopolitical factors may pose significant challenges.
5. Certain entities demonstrate high production values in multiple crops (e.g., Brazil for coffee, oranges, bananas), suggesting agricultural diversity that can provide greater economic and nutritional resilience.
6. Compared to rice and wheat, global tea production volume is relatively low, highlighting its niche value in global agriculture and possible opportunities for focused growth.