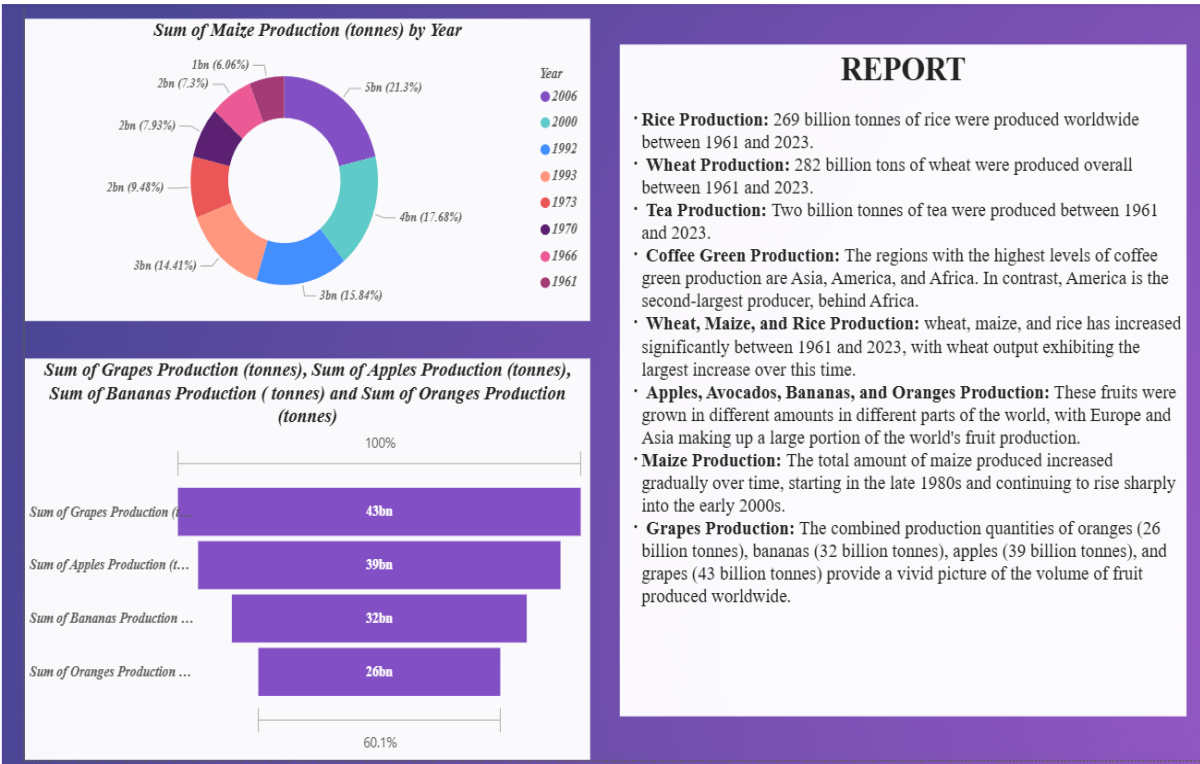


# Report

Date	7 October 2025
Team ID	SWUID20250181666
Project Name	Global Food Production Trends and Analysis: A Comprehensive Study from 1961 to 2023 Using Power BI
Maximum Marks	5 Marks

A report is a comprehensive document that provides a detailed and structured account of data analysis, findings, and insights. It is typically used for in-depth analysis, documentation, and communication of results. Reports are suitable for a diverse audience, including decision-makers, analysts, and stakeholders who need a comprehensive understanding of the data.



Observations drawn from reports in Power BI can provide valuable insights into business performance and trends.

1. Grain Production Overview:

The report highlights massive global output between 1961 and 2023: 269B tonnes of rice, 218B tonnes of wheat, and 18B tonnes of maize. These figures reflect the foundational role these grains play in global diets and international trade.

2. Maize Production Growth by Year:

The pie chart shows a steady increase in maize production—from 0.7B tonnes in 1961 to 4.7B tonnes in 2021. This upward trend suggests rising demand and improved agricultural practices across decades.

### **3. Fruit Production Comparison:**

The bar chart reveals that bananas (860M tonnes) and oranges (510M tonnes) are produced in higher volumes than apples (470M tonnes) and grapes (450M tonnes). This indicates stronger global demand for tropical fruits and their economic importance.

### **4. Regional Crop Strengths:**

According to the report, Asia leads in rice and maize production, Europe and Africa dominate wheat, and America excels in coffee bean output. These regional patterns highlight climate-driven specialization and potential for targeted agricultural investment.

### **5. Global Agricultural Volume Summary:**

Between 1961 and 2023, the world produced 26B tonnes of crops, 2.2B tonnes of beans, and 1.8B tonnes of grapes. This scale emphasizes the need for sustainable farming, efficient logistics, and strategic food policy planning.