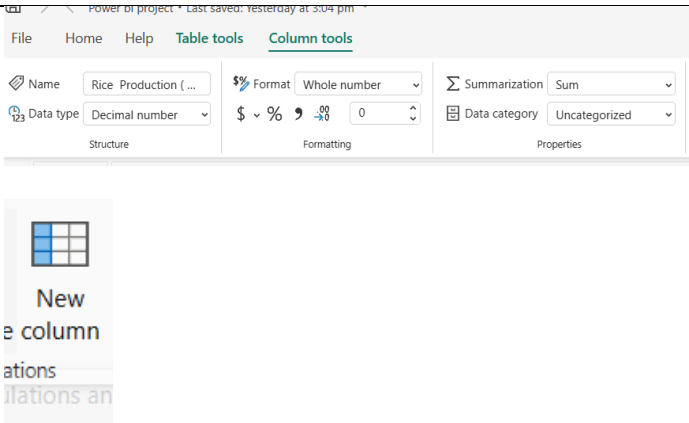


## Project Development Phase Model Performance Test

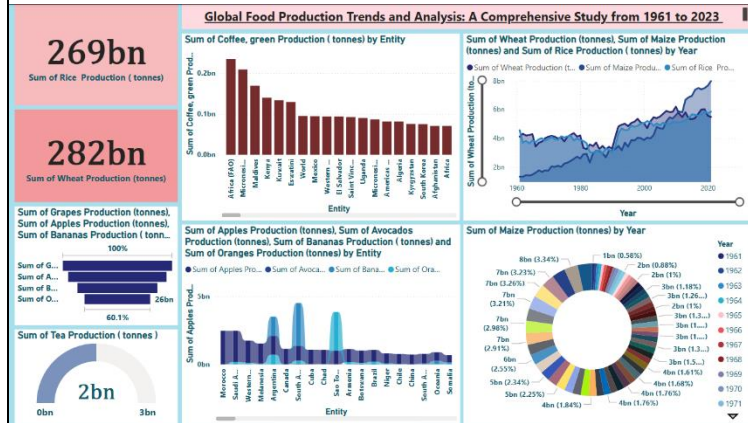
Date	25 March 2025
Team ID	PNT2025TMID06680
Project Name	Global Food Production Trends and Analysis A Comprehensive Study from 1961 to 2023 Using Power BI
Maximum Marks	

### Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	24 column and 11912 Rows.
2.	Data Preprocessing	 <p>The screenshot shows the Power BI interface with the 'Column tools' ribbon active. The 'Name' field is 'Rice Production (...)', 'Data type' is 'Decimal number', 'Format' is 'Whole number', 'Summarization' is 'Sum', and 'Data category' is 'Uncategorized'. Below the ribbon, a 'New' button is visible with a grid icon.</p>
3.	Utilization of Data Filters	We had shorted the data by giving the data type text, whole no. and the decimal no.
4.	DAX Queries Used	TOPN(100,'world food production')

## 5. Dashboard design



6	Report Design
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## REPORT

The total rice production globally from 1961 to 2023 is 269 billion tonnes.

The total wheat production globally from 1961 to 2023 is 282 billion tonnes.

The total tea production globally from 1961 to 2023 is 2 billion tonnes.

Africa, America, and Asia lead in the production of green coffee, with Africa being the top producer followed by America.

Wheat, maize, and rice production have all shown a steady increase from 1961 to 2023, with wheat production showing the most significant rise over the years.

Apples, avocados, bananas, and oranges are produced in varying quantities by different entities, with countries like Europe and Asia showing significant production volumes.

Maize production has consistently increased over the years, with notable jumps around the late 1980s and continuing into the 2000s.

Grapes have the highest total production at 43 billion tonnes, followed by apples (39 billion tonnes), bananas (32 billion tonnes), and oranges (26 billion tonnes).

