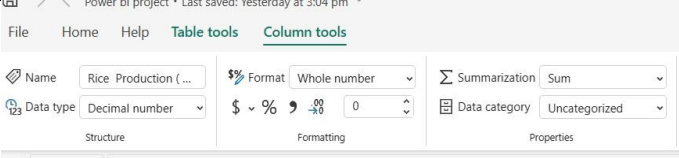
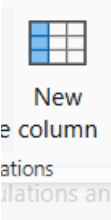


## Project Development Phase Model Performance Test

Date	25 March 2025
Team ID	PNT2025TMID06677
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	 
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	<div><div><div>Global food production Analysis (1961 - 2023)</div><div><div><div>268.56bn</div><div>Sum of Rice Production ( tonnes)</div></div><div><div>282bn</div><div>Sum of Wheat Production (tonnes)</div></div><div><div>Sum of Tea Production ( tonnes)</div><div>2bn</div></div></div><div><div><div>Sum of Coffee, green Production ( tonnes) by Entity</div></div><div><div>Sum of Wheat Production (tonnes), Sum of Maize Production (tonnes) and Sum of Rice Production (tonnes) by Year</div></div><div><div>Sum of Apples Production (tonnes), Sum of Avocados Production (tonnes), Sum of Bananas Production (tonnes) and Sum of Oranges Production (tonnes) by Entity</div></div><div><div>Sum of Maize Production (tonnes) by Year</div></div></div></div></div>
6	Report Design	<div><div><div>Global food production</div><div><div>Sum of Grapes Production (tonnes), Sum of Apples Production (tonnes), Sum of Bananas Production (tonnes) and Sum of Oranges Production (tonnes)</div></div><div><div>World food production</div></div></div><div><div>REPORT</div><div><ul style="list-style-type: none"><li>- The total rice production globally from 1961 to 2023 is 268.56 billion tonnes.</li><li>- The total wheat production globally from 1961 to 2023 is 282 billion tonnes.</li><li>- The total tea production globally from year 1961 to 2023 is 2 billion tonnes.</li><li>- Africa , Micronesia ,Kenya , Maldives are lead in the production of coffee , green tea production , with Africa being top producer followed by the Micronesia.</li><li>- Wheat , maize and rice production have all show a steady increase from 1961 to 2023 , with wheat production showing the most significant rise over the years.</li><li>- Apples , avocados , bananas , and oranges are produces in varying quantities by different entities , with countries like Europe and Asia showing significant production volumes.</li><li>- Maize production has consistently increased over the years , with notable jumps around jumps around the late 1980s and continuing into the 2000s.</li><li>- Grapes have the highest total production at 43 billion tonnes , followed by apples ( 38.84 billion tonnes), bananas ( 31.61 billion tonnes), and oranges ( 25.93 billion tonnes).</li></ul></div></div></div>