

Project Development Phase

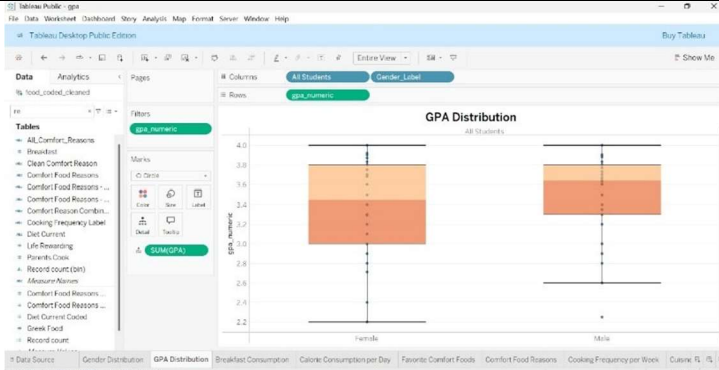
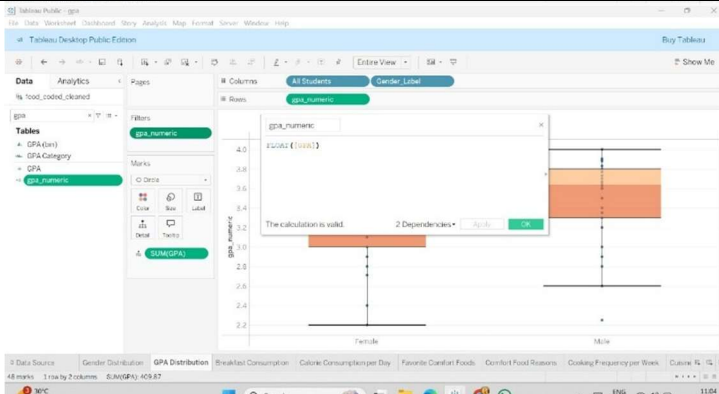
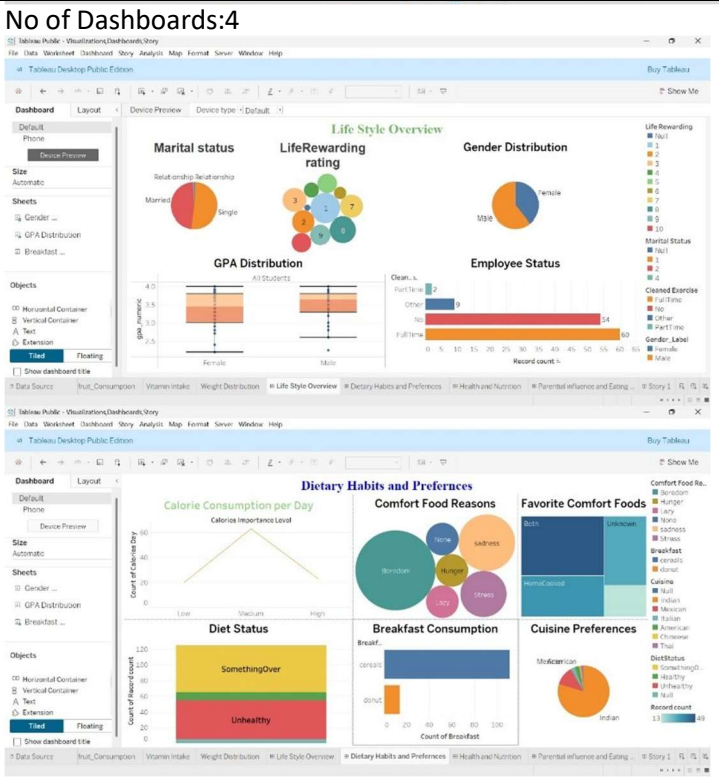
Model Performance Test

Date	27 June 2025
Team ID	LTVIP2025TMID59125
Project Name	Project - Comprehensive Analysis and Dietary Strategies with Tableau: A College Food Choices Case Study
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	<p>The screenshot shows the Tableau Desktop Public View interface. The main area displays a table of data with the following columns: Name, Age, Gender, Height, Weight, BMI, Blood Pressure, Cholesterol, Glucose, and Diabetes. The table is filtered by 'Show: 1'. The interface includes a sidebar with navigation options like Data, Analytics, Pages, Columns, Rows, and Marks. The top right corner shows the 'Show Me' button and a 'Show Table' button.</p>
2.	Data Preprocessing	<p>The screenshot shows the Tableau Desktop Public View interface. The main area displays a table of data with the following columns: Name, Age, Gender, Height, Weight, BMI, Blood Pressure, Cholesterol, Glucose, and Diabetes. The table is filtered by 'Show: 1'. The interface includes a sidebar with navigation options like Data, Analytics, Pages, Columns, Rows, and Marks. The top right corner shows the 'Show Me' button and a 'Show Table' button.</p>

3.	Utilization of Filters	 <p>The screenshot shows the Tableau Desktop interface. On the left, the 'Columns' shelf contains 'All Students' and 'Gender Label'. The 'Rows' shelf contains 'gpa_numeric'. A box plot titled 'GPA Distribution' is displayed, showing the distribution of GPA for all students, categorized by gender (Female and Male). The 'GPA numeric' filter is applied to the 'Columns' shelf.</p>
4.	Calculation fields Used	 <p>The screenshot shows the Tableau Desktop interface. On the left, the 'Columns' shelf contains 'All Students' and 'Gender Label'. The 'Rows' shelf contains 'gpa_numeric'. A box plot titled 'GPA Distribution' is displayed, showing the distribution of GPA for all students, categorized by gender (Female and Male). The 'gpa_numeric' calculation field is applied to the 'Columns' shelf.</p>
5.	Dashboard design	<p>No of Dashboards:4</p>  <p>The screenshot shows the Tableau Desktop interface with a dashboard titled 'Life Style Overview'. The dashboard contains several charts: 'Marital status' (a pie chart showing Married and Single), 'GPA Distribution' (a box plot showing GPA for all students, categorized by gender), 'Employee Status' (a bar chart showing the count of employees by status), and 'Dietary Habits and Preferences' (a collection of charts including 'Calorie Consumption per Day', 'Comfort Food Reasons', 'Favorite Comfort Foods', 'Diet Status', 'Breakfast Consumption', and 'Cuisine Preferences').</p>

6	Story Design	<p>No of Visualizations :22</p>