

Project Development Phase
Model Performance Test

Date	28 may 2025
Team ID	LTVIP2025TMID48547
Project Name	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	10,000+ rows of student food choice data from surveys, cafeteria records, and nutrition APIs. Rendering time: ~2-3 seconds per sheet
2.	Data Preprocessing	Null value removal, normalization of food categories, joined 3 data sources (CSV + Excel + Web API), calculated BMI category field
3.	Utilization of Filters	Gender, GPA, breakfast, calorie, food reasons, Cuisine preferences, diet status, exercise frequency, employment, healthy feeling, life rewarding, marital status, nutrition check, parental cook, pay meal out, weight, sports, veggie day, fruit day, vitamin
4.	Calculation fields Used	Calorie Intake, Healthy Choices, pay mean out, BMI Score, Filter
5.	Dashboard design	No of Visualizations / Graphs – 8 (Bar chart, Pie chart, Map, Line chart, box and Whisker plot , bubble chart, stacked bar chat, histogram chart)
6	Story Design	No of Visualizations / Graphs -4 (Cuisine Preferences, Comfort food reasons, veggie and fruit consumption, healthy feeling)