

Comprehensive Analysis and Dietary strategies with tableau: A College Food Choices Case Study

DATE	28-02-2026
TEAM ID	LTVIP2026TMIDS90659
PROJECT NAME	Comprehensive Analysis and Dietary strategies with tableau: A College Food Choices Case Study
MAXIMUM MARKS	4 MARKS

5.2 - Sprint Delivery Plan

Sprint 1 (Week 1) – Project Orientation

- Introduction to project objectives
- Understanding problem statement
- Requirement gathering
- Overview of Agile methodology

Output: Project scope document

Sprint 2 (Week 2) – Data Collection & Understanding

- Collecting survey data
- Understanding dataset structure
- Identifying variables and attributes

Output: Raw dataset ready for cleaning

Sprint 3 (Week 3) – Data Preparation

- Handling missing values and duplicates
- Data formatting and transformation
- Creating calculated fields

Output: Cleaned dataset

Sprint 4 (Week 4) – Data Connectivity

- Connecting dataset to Tableau
- Creating worksheets
- Developing basic visualizations

Output: Initial charts and worksheets

Comprehensive Analysis and Dietary strategies with tableau: A College Food Choices Case Study

Sprint 5 (Week 5) – Dashboard Development

- Designing interactive dashboards
- Adding filters and actions
- Comparing food habits and spending patterns

Output: Functional dashboard

Sprint 6 (Week 6) – Story Creation & Review

- Creating Story Points
- Adding captions and insights
- Mid-review presentation and feedback

Output: Mid-project presentation

Phase 2: Next 9 Weeks – Project Sessions (Development & Completion Phase)

Sprint 7-8 (Weeks 7-8) – Advanced Analysis

- Trend analysis
- Nutritional gap identification
- Dashboard enhancements

Output: Improved analytical dashboard

Sprint 9-10 (Weeks 9-10) – Feature Enhancement

- Advanced calculated fields
- Performance optimization
- Improved interactivity

Output: Optimized dashboard

Sprint 11-12 (Weeks 11-12) – Testing Phase

- Functional testing
- Performance testing
- Bug fixing

Output: Tested and stable dashboard

Comprehensive Analysis and Dietary strategies with tableau: A College Food Choices Case Study

Sprint 13-14 (Weeks 13-14) – Documentation

- Preparing detailed project report
- Capturing dashboard screenshots
- Writing analysis and conclusions

Output: Complete documentation draft

Sprint 15 (Week 15) – Final Review & Submission

- Final dashboard polishing (font, colors, layout)
- PPT preparation
- Final presentation and submission

Output: Final Project Report + Dashboard + Presentation

