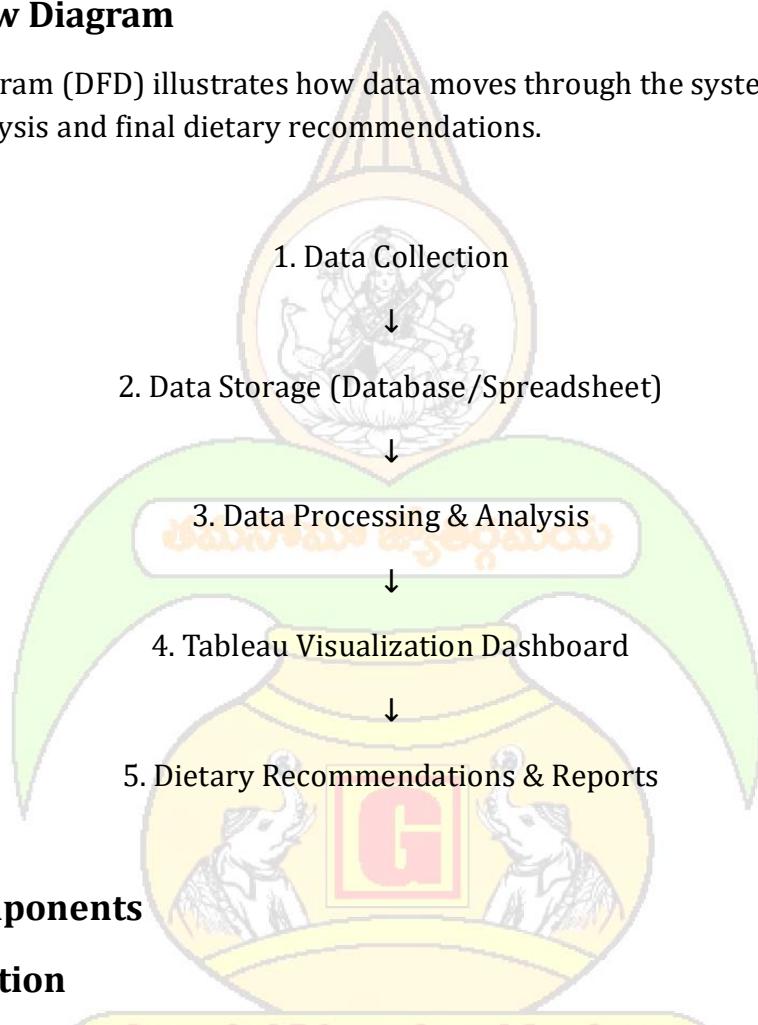


Comprehensive Analysis and Dietary strategies with tableau: A College Food Choices Case Study

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

3.3 - Data Flow Diagram

A Data Flow Diagram (DFD) illustrates how data moves through the system—from data collection to analysis and final dietary recommendations.



Detailed Components

1. Data Collection

- Surveys & Questionnaires
- Canteen Sales Records
- Food Delivery App Data

2. Data Storage

- Central Database
- Excel/Spreadsheet Files

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3. Data Processing

- Nutritional Analysis
- Spending Pattern Analysis
- Consumption Frequency Analysis

4. Tableau Dashboard

- Visual representation of trends
- Peak consumption time charts
- Healthy vs. Fast-food comparison

5. Output

- Personalized diet suggestions
- Weekly meal planning
- Management reports

