

Project Deliverables

Cleaned Dataset

Complete

Processed food choices data with 1,247 student records

Tableau Workbook (.twbx)

Complete

Interactive dashboards and calculated fields

Dashboard Screenshots

Complete

High-resolution exports of all visualizations

Story Presentation

Complete

5-slide interactive story with key insights

Public URLs

Ready

Tableau Public links for sharing

Final Report PDF

Ready

Comprehensive analysis and recommendations

Video Walkthrough

In Progress

3-minute presentation of key findings

SQL Schema

Complete

Database design for future data collection

Advanced Analytics Features

LOD Expressions

- Average weekly calories per student
 - Median spending by dormitory
 - Cohort nutritional scoring

Calculated Fields

- Nutritional balance ratio
 - Meal frequency index
 - Cost per calorie metric

Interactive Features

- • Dynamic filtering by demographics
- • Drill-down capabilities
- • Parameter-driven analysis

Project Overview

Comprehensive analytics project analyzing college student food choices using advanced data visualization and storytelling techniques.

Technologies Used

- • Tableau Desktop & Public
- • MySQL Database
- • Advanced LOD Expressions
- • Interactive Dashboards

Key Outcomes

- • 1,247 student records analyzed
- • 15+ interactive visualizations
- • 5-slide story presentation
- • Actionable recommendations