KAMPUS MERDEKA

Data Analytics & Software Engineering

Presented by Team 3 Jayapura

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Our Team

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DATA ANALYS
QUALITY ASSURANCE

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DATA VISUALIZATION
PITCH DECK TEAM

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DATA VISUALIZATION
DEPLOYMENT TEAM

Fresly Asdar

PROJECT LEADER
QUALITY ASSURANCE

Renzi Thalia

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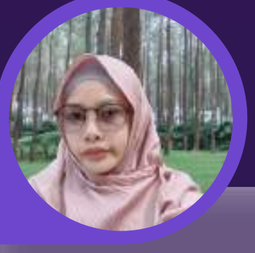
PITCH DECK TEAM

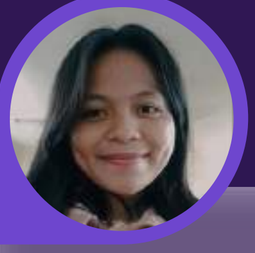
Doni Rizki

DATA ANALYSIS
PROJECT LEADER



Rizki Arum Nur

DATA COMMUNICATION
FRONT END ENGINEER



Puspita Wulandari

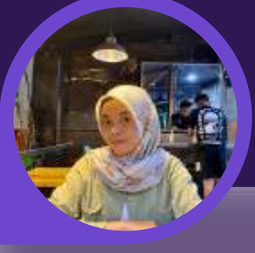
DATA CLEANING
FRONT END ENGINEER

Abdul Aziz

DATA CLEANING
FRONT END ENGINEER

Fransius Hotmada

DATA COMMUNICATION
QUALITY ASSURANCE



Cindy Ari Wijaya

DATA CLEANING
FRONT END ENGINEER

Yuni Herlina Lubis

DATA COMUNICATION
PITCH DECK TEAM

About the Project

The Project

The Vending Machine Sales Website is a site that displays visualizations form a vending machine company based in New Jersey sales data. The company's vending machine locations are spread across four points: Gutten Plans, EB Public Library, Brunswick Sq Mall, and Earle Asphalt. Through this site, the company could analyze sales patterns and conduct evaluations based on the provided visualizations. The website includes visualizations of total sales and overall transactions, the most and least sold products, and more.

Function

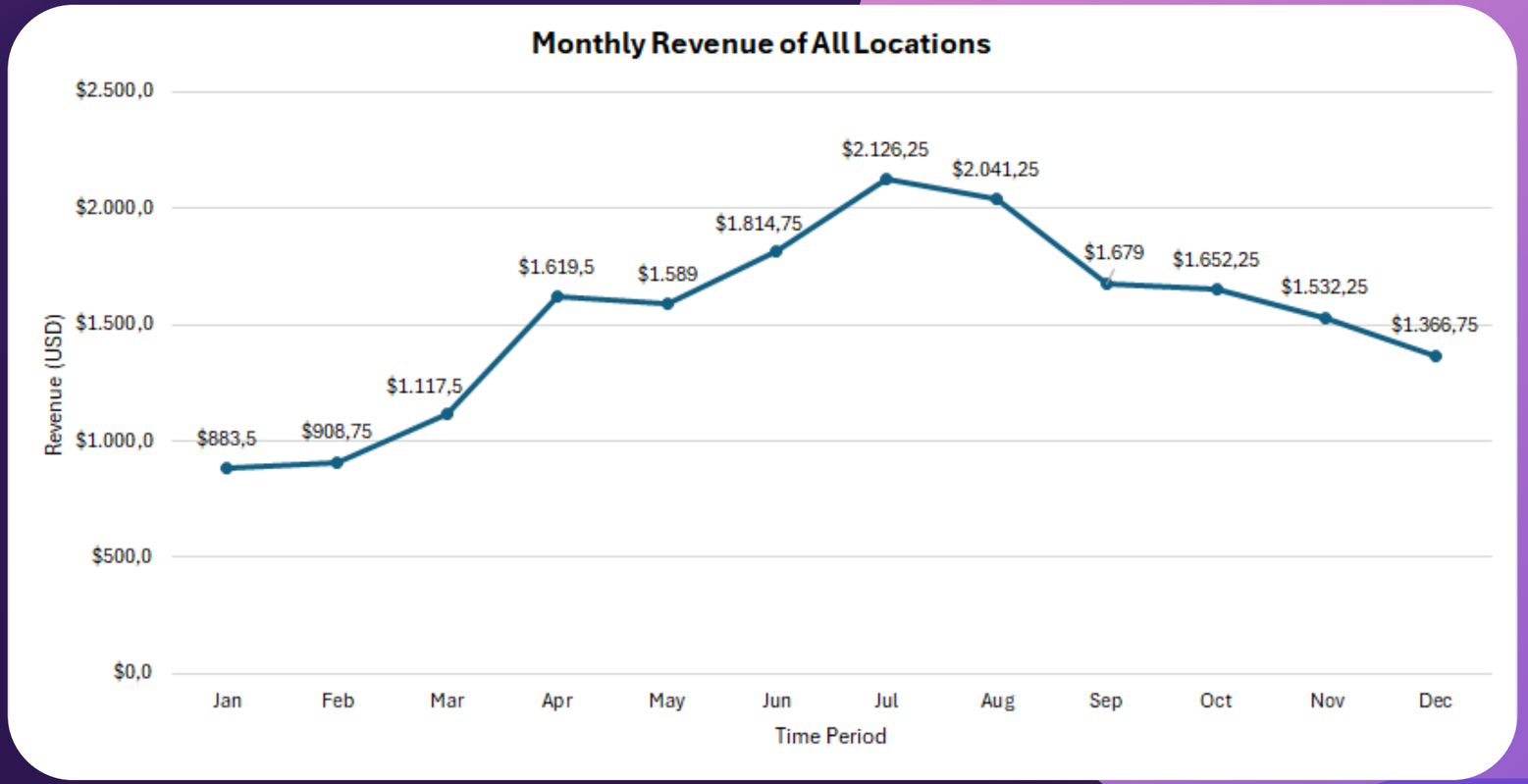
Visualizing vending machine sales data

Bussines Situation

Vending machine sales in central New Jersey have **decreased** by 35.98% from July ($2358,5) to December ($1510,5).

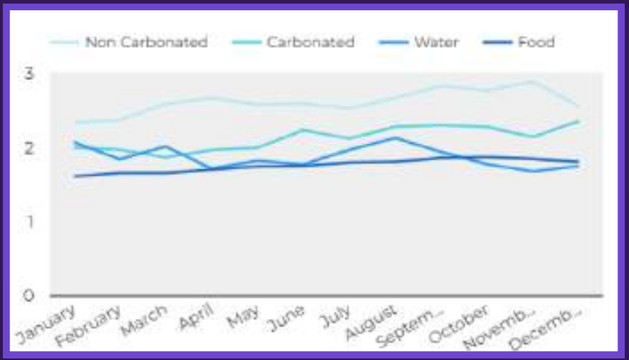
Function

How can we **increase** the total revenue for all locations by at least 30% from the December 2022 sales ($1366,8) to $1,776.80 within 6 months?

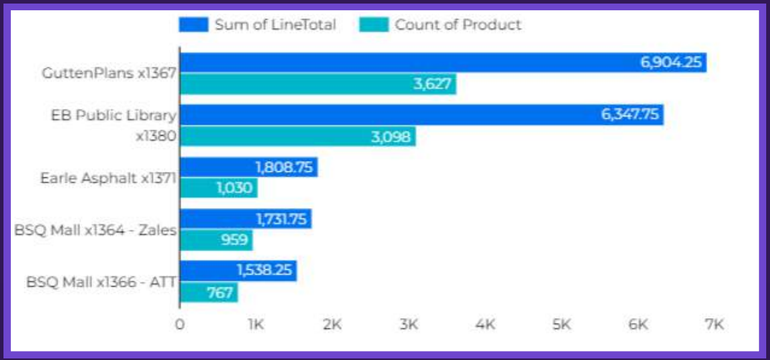


Data Visualization

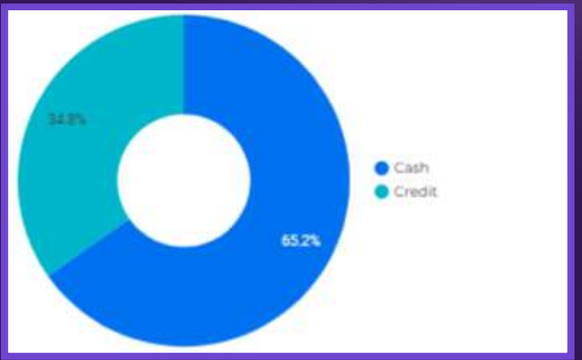
Average Order Value



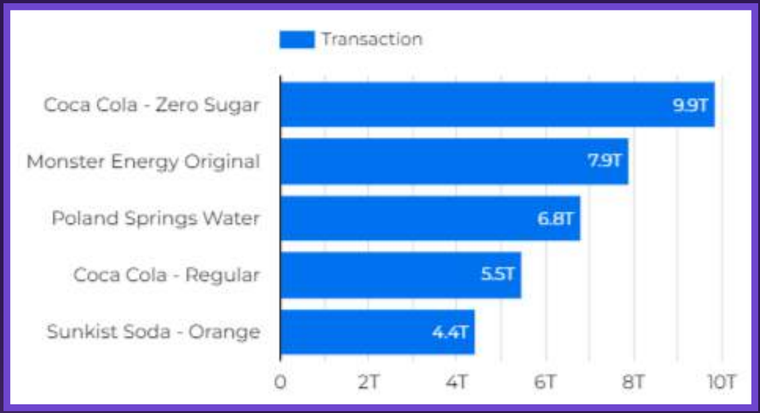
Total Sales Unit



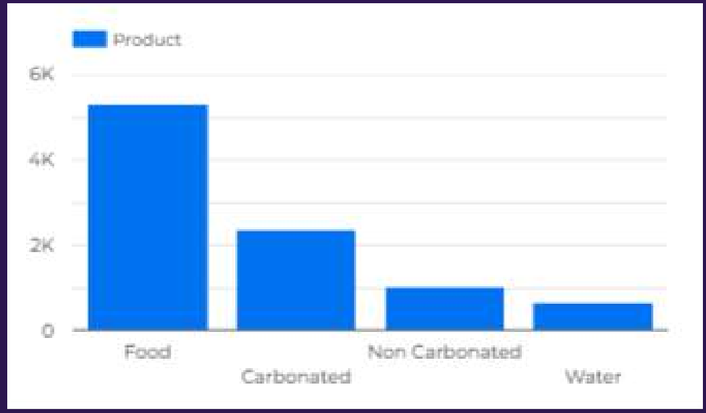
Type of Payment



Most Popular Product



Category Product Sold Record



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Conclusion

Sales Visualization

- Identify total sales machine unit, total transactions and quantity sales
- Conduct promotions in the food category, especially on food products with relatively high prices

Payment Analytics

- Most frequently used payment method (cash or credit)

Location Monitoring

- Sell products massively based on the most sales locations
- Comparison of performance between various locations to determine areas that need to be optimized.

Information Accessibility

- Display the cleaning result data table to make it easier for users to access the required information.

Development Process

Planning → Development → Testing → Design → Deployment

Technology Used

Visual Studio Code

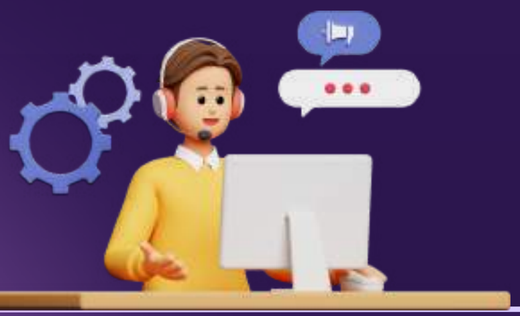
Xampp

Github

Figma

Looker Studio

Vercel



Project Highlights

Filter Location

Data Searching

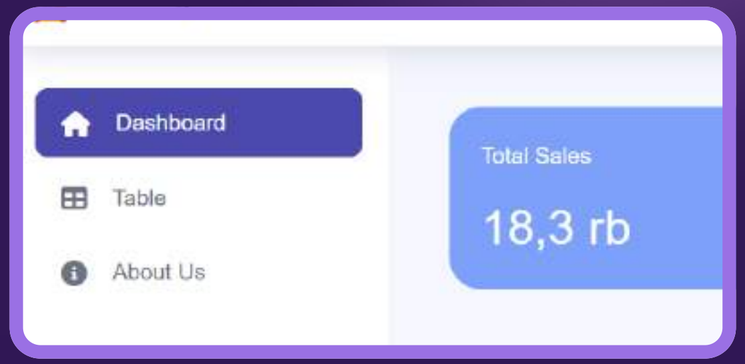
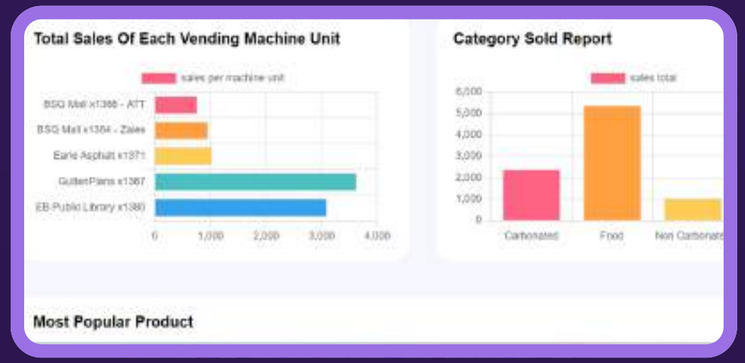


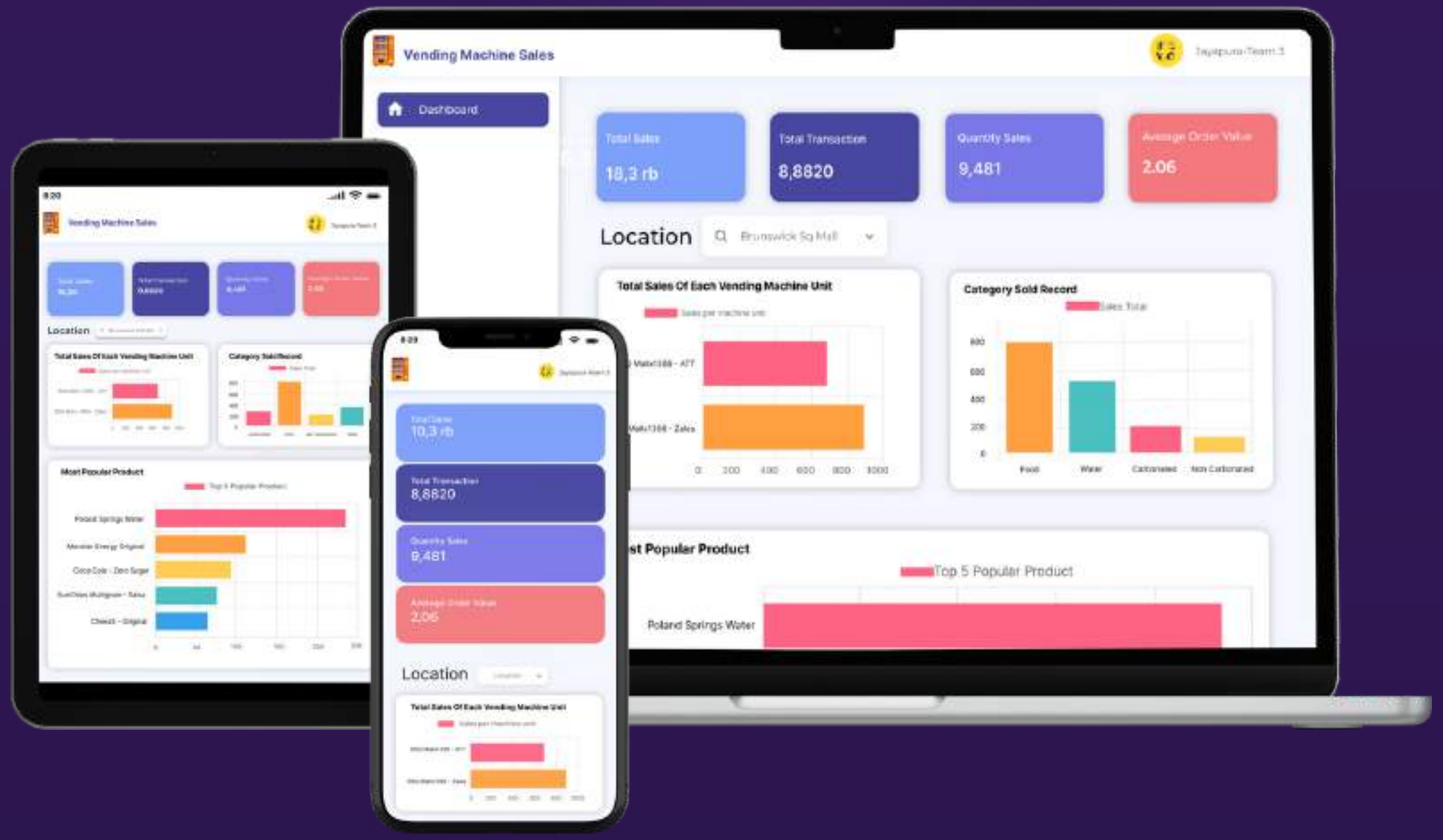
Table & About Us



Chart

Team Information

Mockup Design



User interface design with desktop, mobile and tablet devices

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Project Demo

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Problem and Solution

Problem	Solution
Create Responsive Website	Tried and tested with multiple screen widths, using flex wrap and media screen
Create Location Dropdown Filter	Find solution in ChatGPT
Deployment Using Organization Repository	Forking using a personal Github Account

Recommendations
for Future Development

- User Authentication
- Date Range Dropdown Filter
- Integration with Other Platform
- Notifications and Settings

Appendix

DATASET

GITHUB

DASHBOARD

Thank You