



Capstone Project

Data Analytics at Walmart

By Farook Mohammad



Introduction

Walmart Inc. is a leading American multinational retail corporation that operates a chain of hypermarkets, discount department stores, and grocery stores. It was founded by Sam Walton in 1962 in Rogers, Arkansas, and has since grown into one of the largest companies in the world by revenue.





Project Overview

Transform Walmart's data
into insights for strategic
decisions

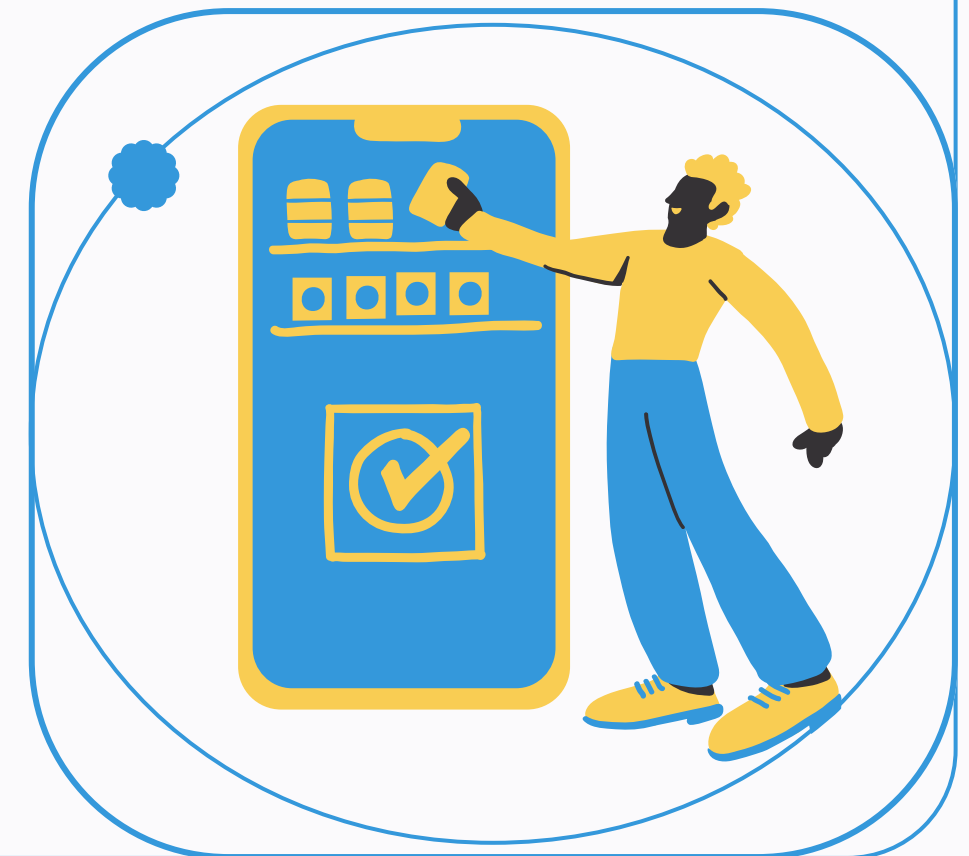


Phase 2:

Business Visualization

Power BI

Tool:



Dashboard



Sales Dashboard

Dashboard

Sales Overview

Customer Insights

Regional & Seller Metrics

Operational Performance

Time Trends



Sales Performance

Navigation

Dashboard

Sales Overview

Customer Insights

Regional & Seller Metrics

Operational Performance

Time Trends

Filters

Customer State

All

Product Category

All

Seller State

All

Year

All

Month

All



Walmart Inc.

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SALES OVERVIEW

Revenue

\$15,843.55K



LY \$5,157.16K

YOY 207.21%

Quantity

112.65K



LY 36K

YOY 210.66%

AOV

\$160.58



LY 162.09

YOY -0.94%

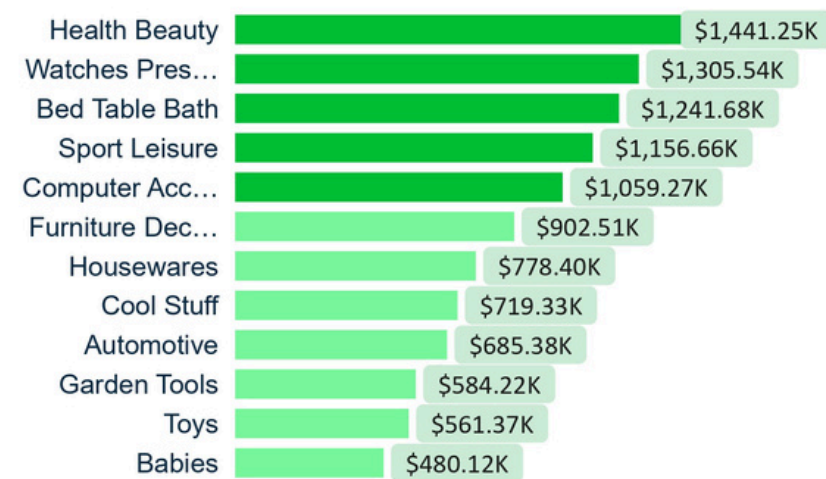
Sales Revenue

By Customer state



Product Category

by sales revenue

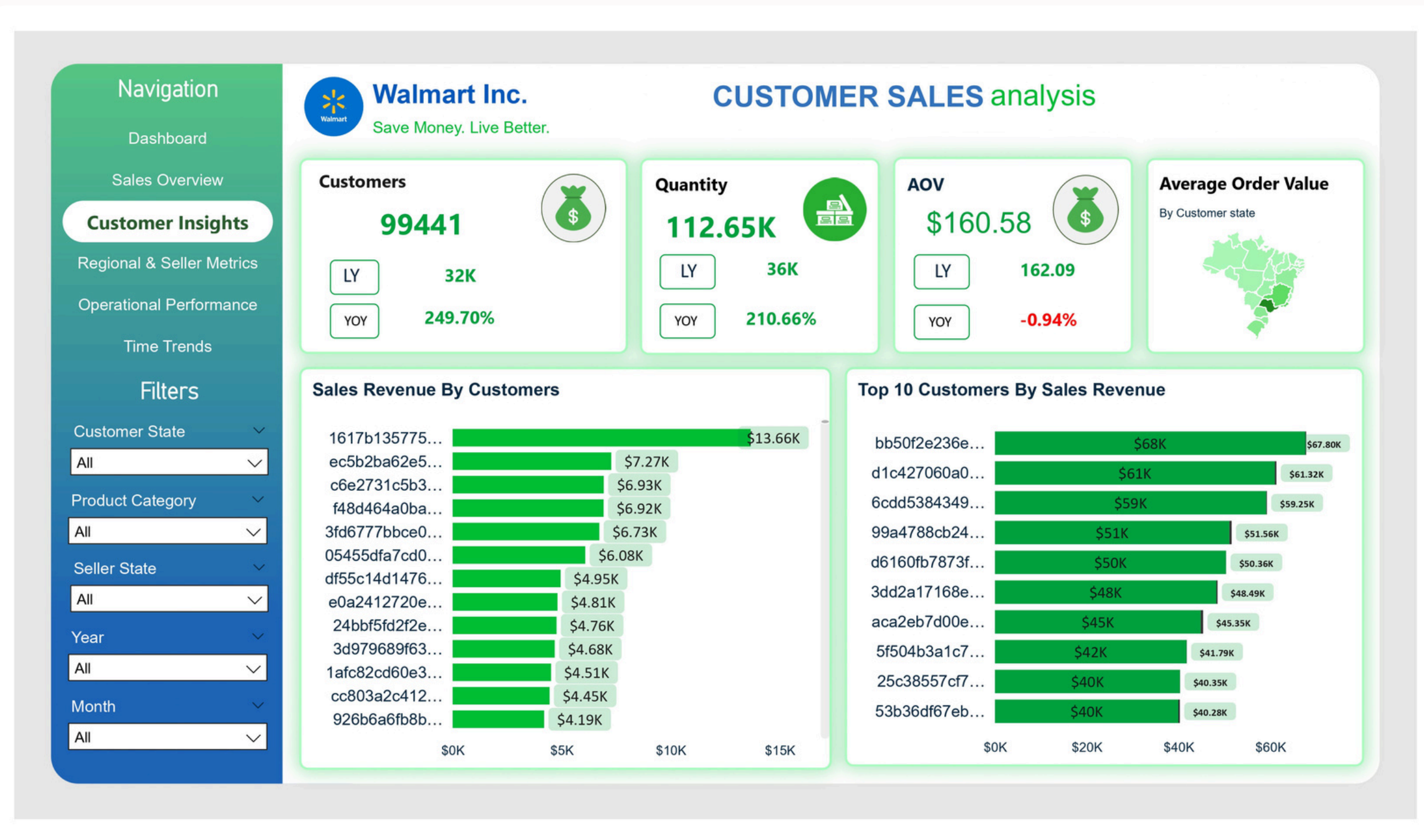


Top 5 Products

by sales revenue



Customer Insights





Regional & Seller Metrics

Navigation

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Time Trends

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Customer State

All

Product Category

All

Seller State

All

Year

All

Month

All



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Regional & Seller analysis

Customers

99441



LY

32K

YOY

249.70%

Quantity

112.65K



LY

36K

YOY

210.66%

AOV

\$160.58



LY

162.09

YOY

-0.94%

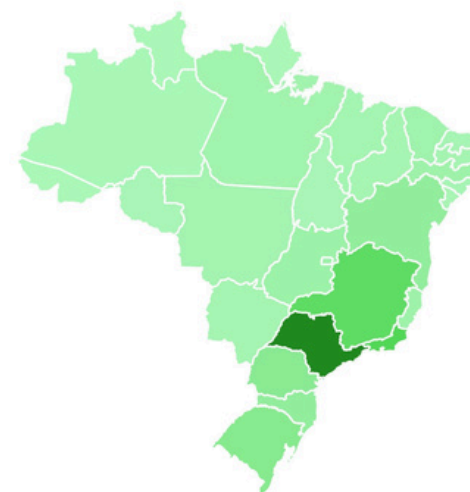
Average Order Value

By Customer state



Average Delivery Time by Seller States

in days



Top 5 Sellers by Revenue



Top 5 States by Sale Revenue





Operational Performance

Navigation

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Time Trends

Filters

Customer State

All

Product Category

All

Seller State

All

Year

All

Month

All



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Operations analysis

Customers

99441



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112.65K



LY

36K

YOY

210.66%

AOV

\$160.58



LY

162.09

YOY

-0.94%

Average Order Value

By Customer state



Average Delivery Time by Seller States

in days



1656.83%

FreightToPricePercent

12.50

Average Delivery Time

210

Max Delivery time

0

Min Delivery time

20.39%

% of orders delivered within 5 days target

Top 5 States by Sale Revenue





Time Trends & Seasonality

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Sales Overview

Customer Insights

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Operational Performance

Time Trends

Filters

Customer State

All

Product Category

All

Seller State

All

Year

All

Month

All



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Time Trends analysis

Customers

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YOY

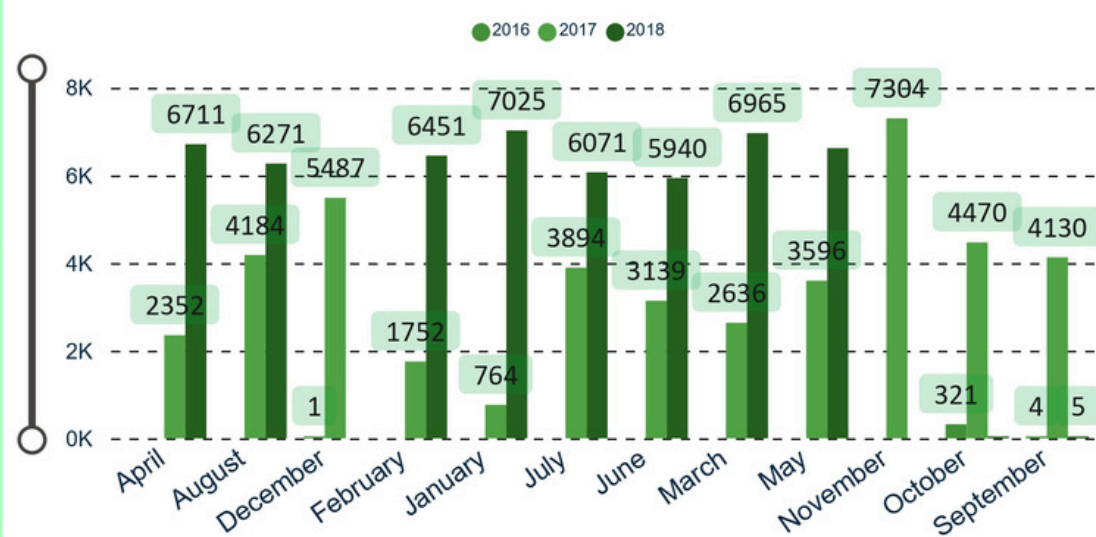
210.66%



MOM Growth % by Year and Month



Sum of NewCustomers by MonthName and Year



Monthly Revenue Trend





Data Analytics at Walmart

Thank You for Joining Us!

Connect **Farook Mohammad**

