



# *Exploratory Data Analysis-Retail*

*Sample Superstore*

Pooja Shree R



# Introduction

- Superstore is a self-service shop offering a wide variety of food , beverages and household products organized into sections
- The data is related to sales analysis of the superstore
- It is visualized using Tableau tool
- The source of dataset is from The Sparks Foundation.

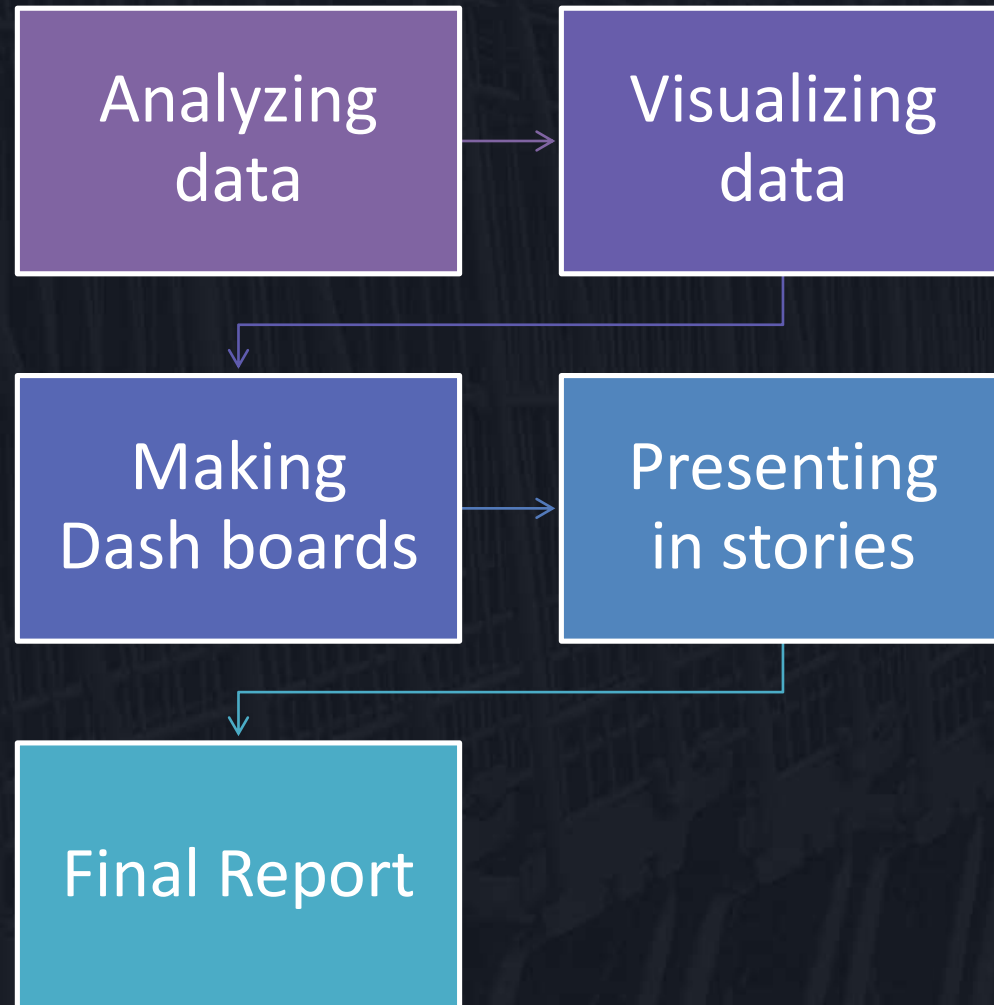




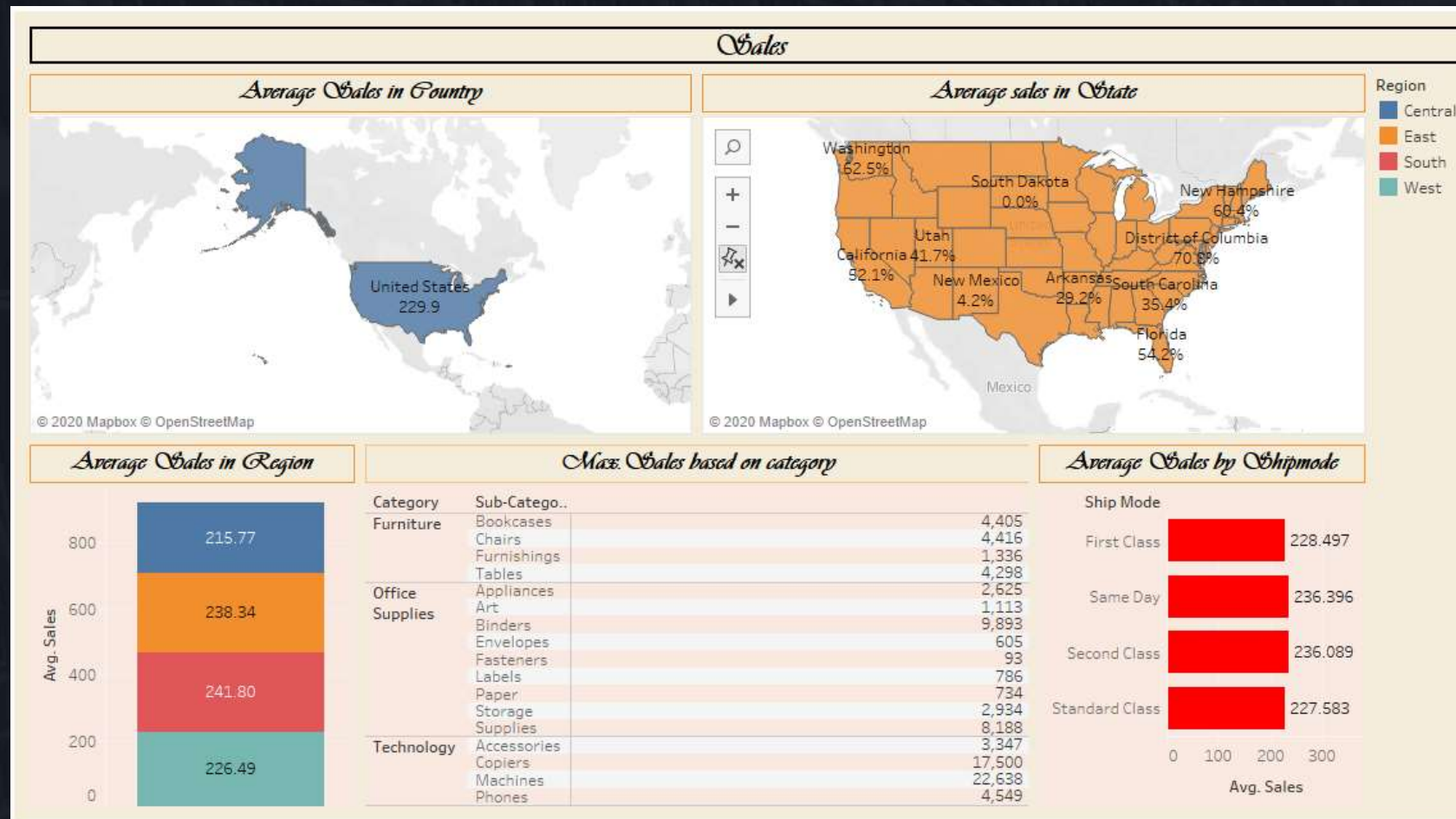
# Problem Statements

- What is Maximum sales?
- What is Average sales by country , state and region?
- What is the average profit by region, ship mode and category?
- What is average profit and sales based on segment?
- What is the percent of sales by ship mode and segment?
- What is the quantity of sub-category?
- What is Discount% by sub-category

# Process



# Analysis






# Analysis



# Analysis







# Results

The outcomes of the task are

- Average Sales in Country is 229.9 and sales is 91.7% in Montana.
- Highest sales is from first class of the ship mode and South in Region.
- We have highest average profit on technology category in firstclass shipping mode in west region
- We have highest sales and profit in Home-office segment





# Conclusion

- The analysis is purely based on the sales of the supermarket.
- In general the supermarket sales is based on quality of the products and customer type.
- The Quantity of the subcategory plays major part in the percent of Discounts availed.
- Percentage of sales is increased or decreased in accordance with both segment and ship mode.
- Maximum number of sales is done on Machines that falls under technology category.
- On Average the sales percentage in the state is 91.7%.



Thank You





# Links

## Video

<https://drive.google.com/file/d/nuxGZaVunX8B-JeSDnmnenBaluGhR5Yyt/view?usp=sharing>

## Project

[https://public.tableau.com/views/Sample\\_Superstore\\_16072264269580/Story1?language=en&display\\_count=y&origin=viz\\_share\\_link](https://public.tableau.com/views/Sample_Superstore_16072264269580/Story1?language=en&display_count=y&origin=viz_share_link)