



# Supermarket Sales - Data Analysis

# AIM

- ▶ The aim of the project is to analyze the Supermarket sales data using Python and to get an insight into the dataset which can be used to evaluate the performance of the sales.

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# INTRODUCTION

- ▶ The dataset used is Supermarket sales data. This contains sales data for the year 2019. The dataset contains information about product, categories, date, payment methods, shipment options, quantity, sales, tax, gross amount, profit etc. The data is in csv format which contains about 1000 rows and 17 columns.

# CODE & RESOURCES

## ► Descriptive Information

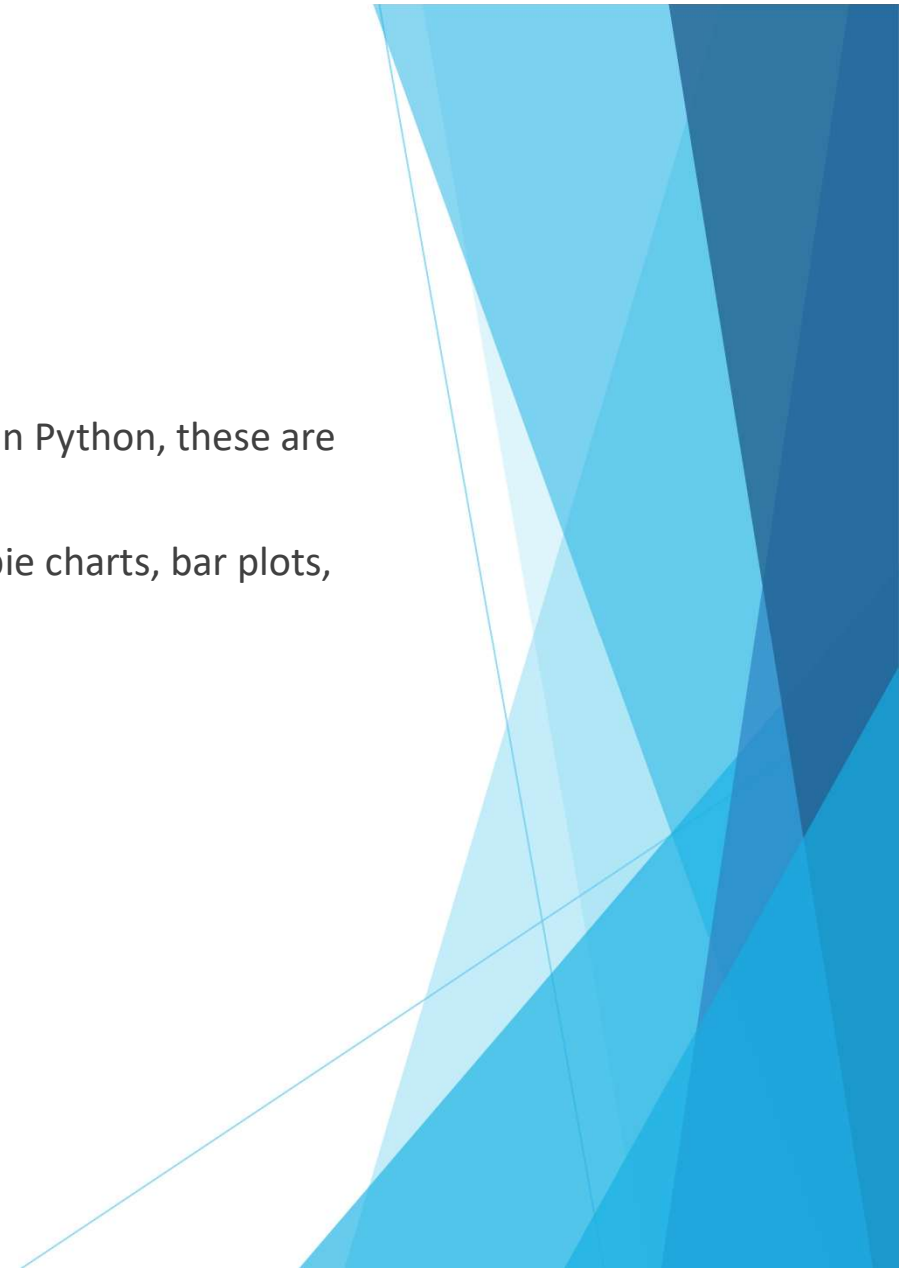
Name	Superstore Sales Data Analysis
Language	Python - 3
IDE	Jupyter Notebook
Platform	Windows
Library Used	Pandas, Numpy, Seaborn and Matplotlib

## ► Code

<https://github.com/sandeepsuresh16/Supermarket-Sales-Data-Analysis-Data-Visualisation.git>

# Graph Plotted

- ▶ For data visualization I have used Seaborn and Matplotlib libraries in Python, these are very useful libraries for data visualization.
- ▶ 19 graphs were plotted for visualisation which includes line plots, pie charts, bar plots, histograms and heatmaps



# Summary

- ▶ Sales Analysis helped to evaluate the performance of the sales, it provides insights about the top performing and underperforming product categories, sales trends, revenue allocation etc. The analysis can be used to see how the company is performing against its goals.

# Reference

- ▶ <http://kaggle.com/>
- ▶ <https://seaborn.pydata.org/>
- ▶ <http://www.edubridgeindia.com/students/courses/overview/>



# Acknowledgement

- ▶ I would like to express my special thanks of gratitude to my trainer Miss. Shalini, who gave me the opportunity to do this wonderful project of "Supermarket Sales Data Analysis". Who also helped me in completing my project. I came to know about so many new things and I am really thankful to her.
- ▶ Secondly I would also like to thank my parents who helped me a lot in finalizing this project within the limited time frame.