

# Analyzing Swiggy : Bangalore Delivery Outlet

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## Introduction:

Swiggy is an Indian online food delivery platform that allows users to order food from local restaurants and have it delivered to their doorstep. It was founded in 2014 by Sriharsha Majety, Nandan Reddy, and Rahul Jaimini, and is headquartered in Bangalore, India. Swiggy offers customers in Bangalore access to a wide range of restaurants, including local eateries and popular chains, through its website and mobile app.



## Import Libraries:

### import libraries

```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
```

We import the Required libraries to manipulate data and visualize data

## Import Data:

### Load data

```
df=pd.read_csv(r"C:\Users\91630\Downloads\archive (11)\Swiggy Bangalore Outlet Details.csv")
```

df

	Shop_Name	Cuisine	Location	Rating	Cost_for_Two
0	Kanti Sweets	Sweets	Koramangala, Koramangala	4.3	₹ 150
1	Mumbai Tiffin	North Indian, Home Food, Thalís, Combo	Sector 5, HSR	4.4	₹ 400
2	Sri Krishna sagar	South Indian, North Indian, Fast Food, Beverag...	6th Block, Koramangala	4.1	₹ 126

We load the data by creating a dataframe using Pandas

## Data Cleaning:

### Data Cleaning

In [9]: `df.drop_duplicates()`

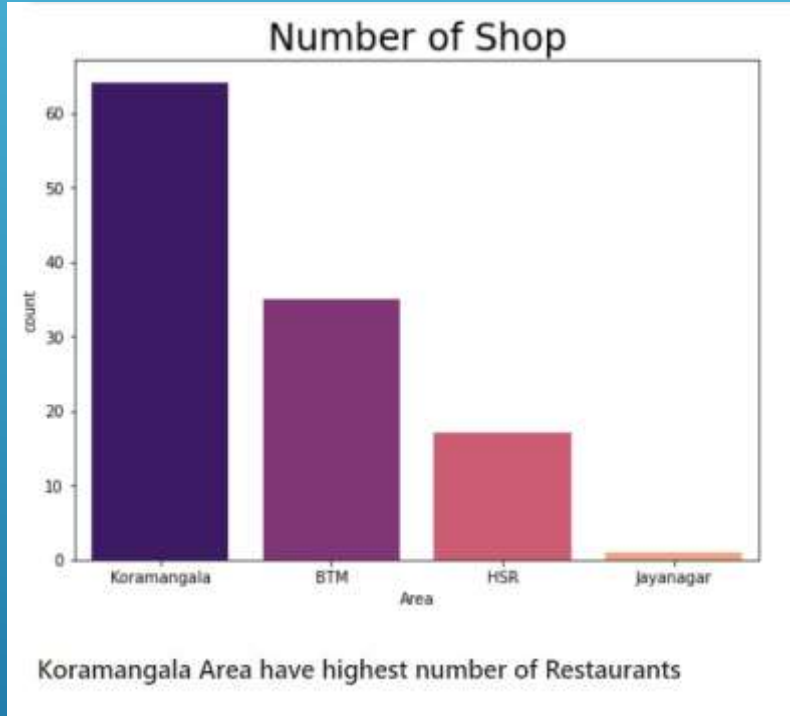
Out[9]:

	Shop_Name	Cuisine	Location	Rating	Cost_for_Two
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3	Al Daaz	American, Arabian, Chinese, Desserts, Fast Foo...	HSR, HSR	4.4	₹ 400
4	Beijing Bites	Chinese, Thai	5th Block, Koramangala	4.1	₹ 450
...	...	...	...	...	...
113	Wok Paper Scissors	Pan-Asian, Chinese, Asian	JNC Road, Koramangala	3.9	₹ 219
114	Savoury Restaurant	Arabian, Middle Eastern, North Indian, Grill, ...	Madiwala, BTM	4.1	₹ 600
115	Royal Treat	North Indian, Chinese, Seafood, Biryani	5th block Koramangala, Koramangala	4.2	₹ 193
116	Thali 99	North Indian	Koramangala, Koramangala	4.3	₹ 200
117	Mani's Dum Biryani	Andhra, Biryani	1st Block, Koramangala	4.2	₹ 400

118 rows × 5 columns

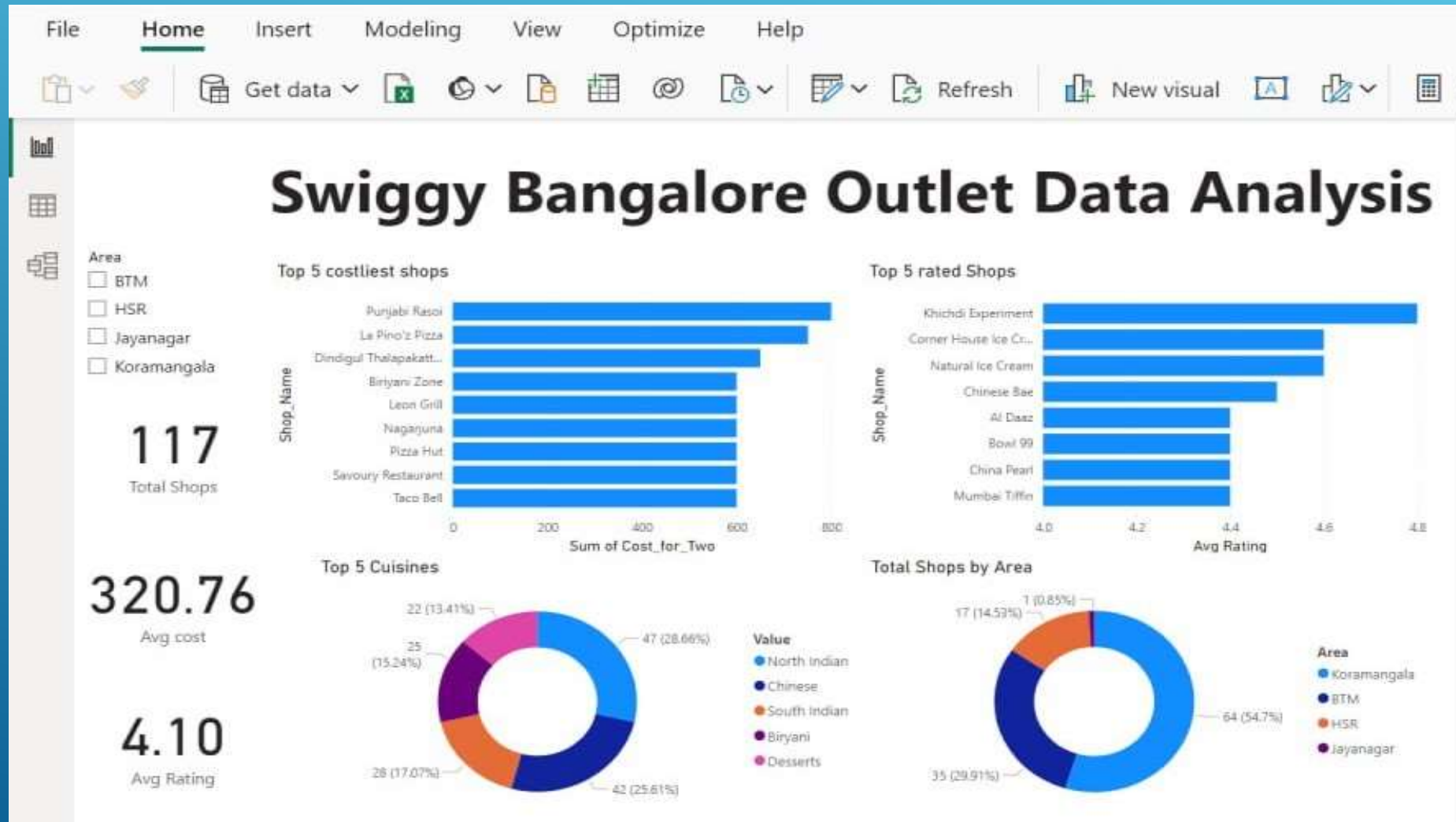
We clean the data by removing duplicates

# Data Visualization:



We visualize data using python libraries using matplotlib,seaborn and [plotly

# Power Bi Dashboard:





## Summary:

- Swiggy have medium rating of 4.1 and medium cost for Two as 300.
- Minimum cost of two is 100 and max cost for two is 800.
- Koramangala Area has maximum number of Restaurants.
- Jayanagar area has only one Restaurants.
- Koramangala Area generates maximum revenue.
- The most popular food is from 'Khichdi Experiment' with a rating of 4.8, and ice cream is most popular in Koramangala.