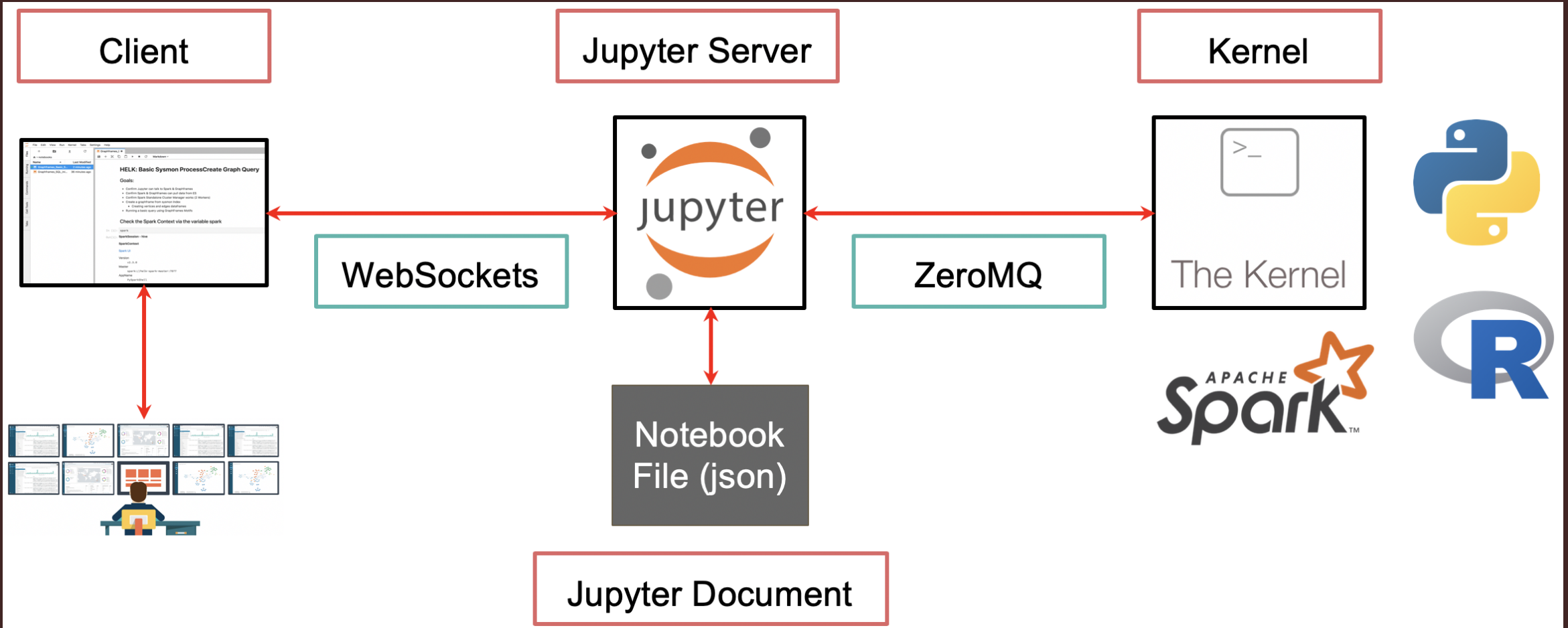# SWIGGY DATA ANALYSIS

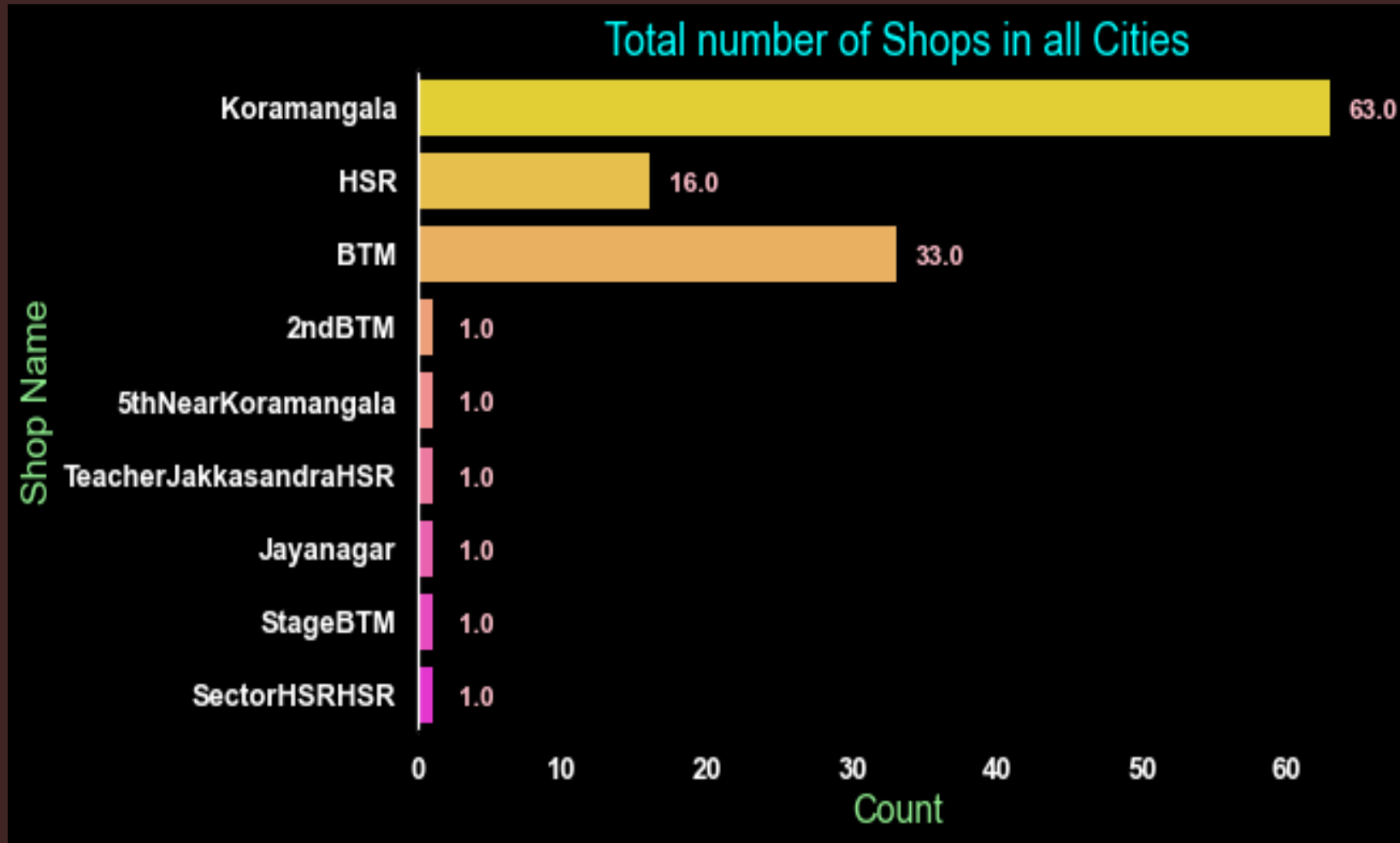**SUBMITTED BY:**

M. BALAJI

ARCHITECTURE

ETL OPERATIONS

❖ **Cleaning poorly formatted columns from the extracted raw data.**

❖ **Skipping rows with Nan values.**

❖ **Removing duplicated rows.**

❖ **Changing the data types for necessary columns.**

INSIGHTS

Locations with more number of shops are:

1. **Koramangala** - 63
2. **BTM** - 33
3. **HSR** - 16

Top 10 Shop Names with highest rating

❖ **Khichdi Experiment** has highest rating of **4.8** in Bangalore Swiggy.
❖ **Corner House Ice Cream** and **Natural Ice Cream** are the shops with **4.6** rating
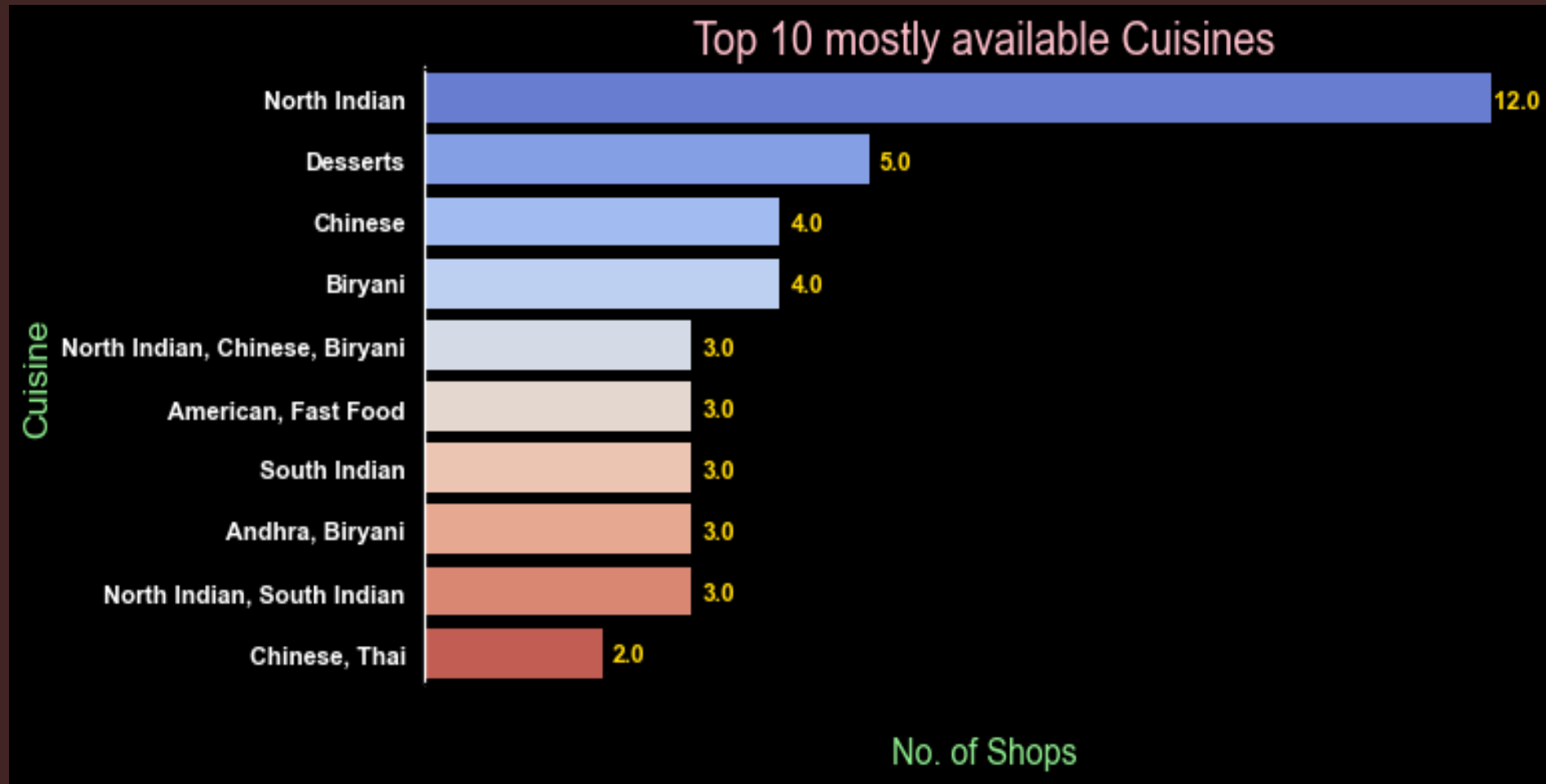
❖ **Khichdi Experiment** has the price of **Rs.100** per one item.
❖ **Natural Ice Cream** shop has the lowest price of **Rs.75** per one item.
❖ **Nagarjuna** shop has the highest price of **Rs.300** per one item.
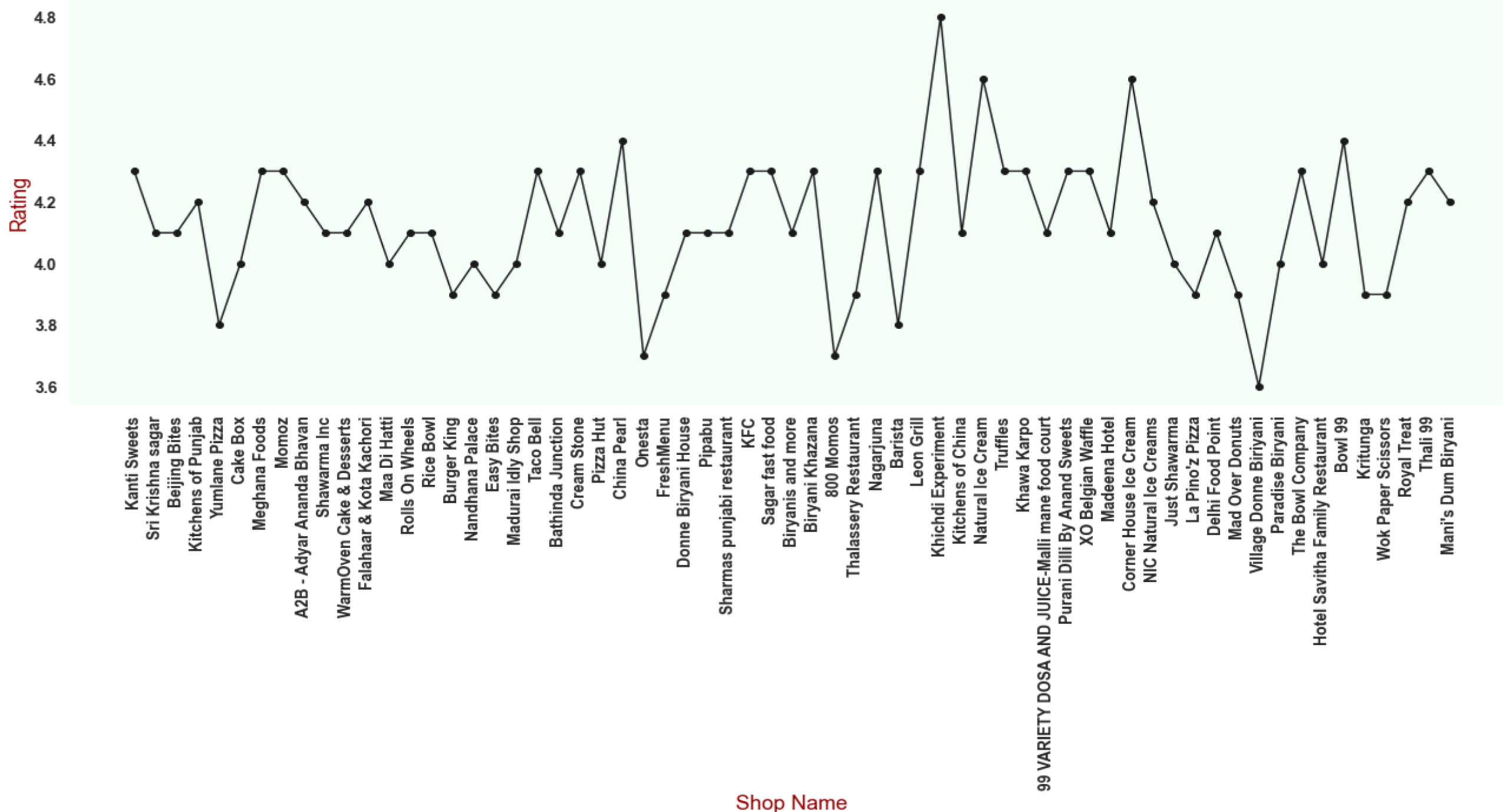
Top 10 Shops based on location

❖ Out the top 10 shops **six** shops are located in **Koramangala.**
❖ **Two** shops are located in **HSR** .
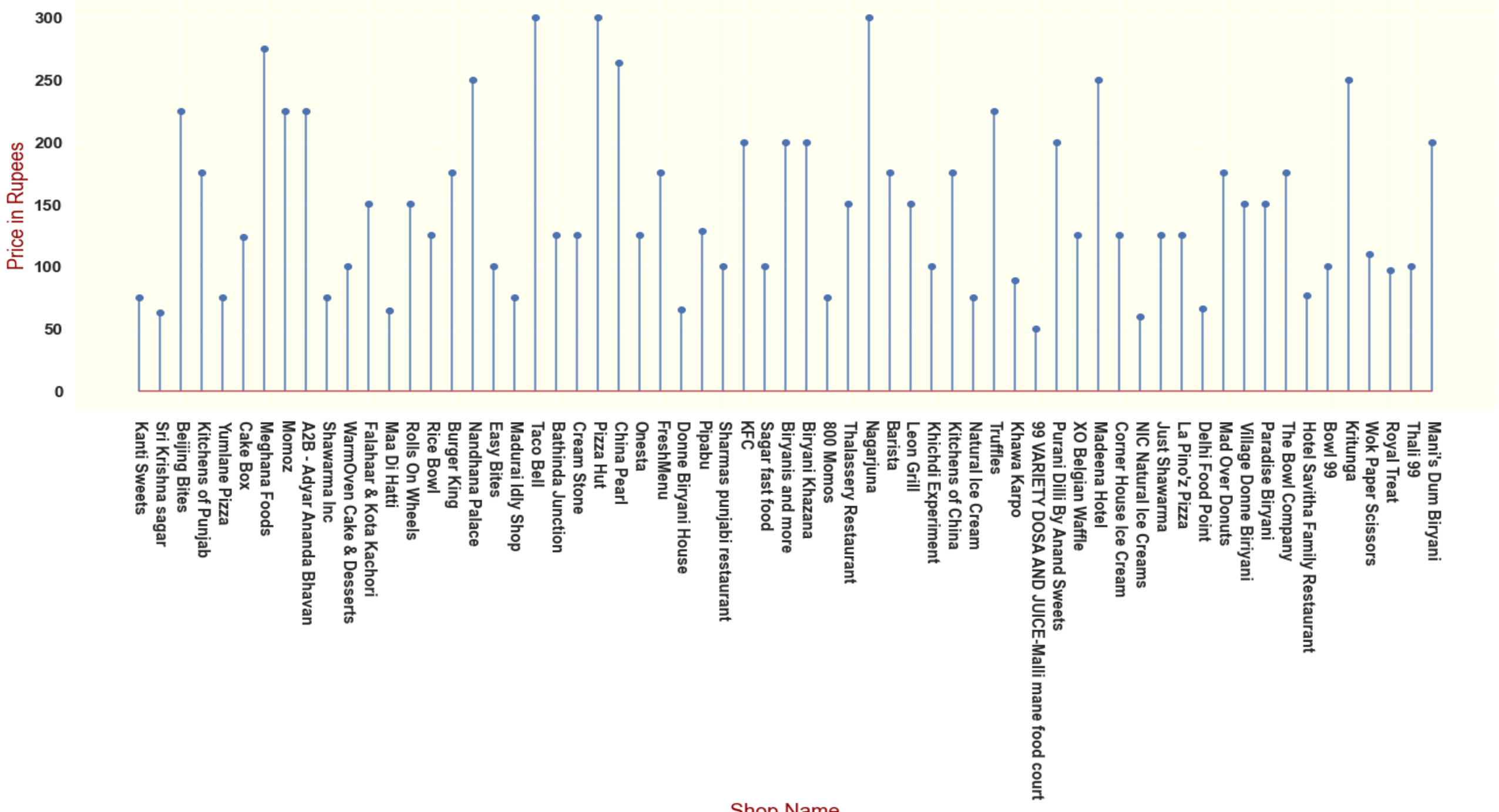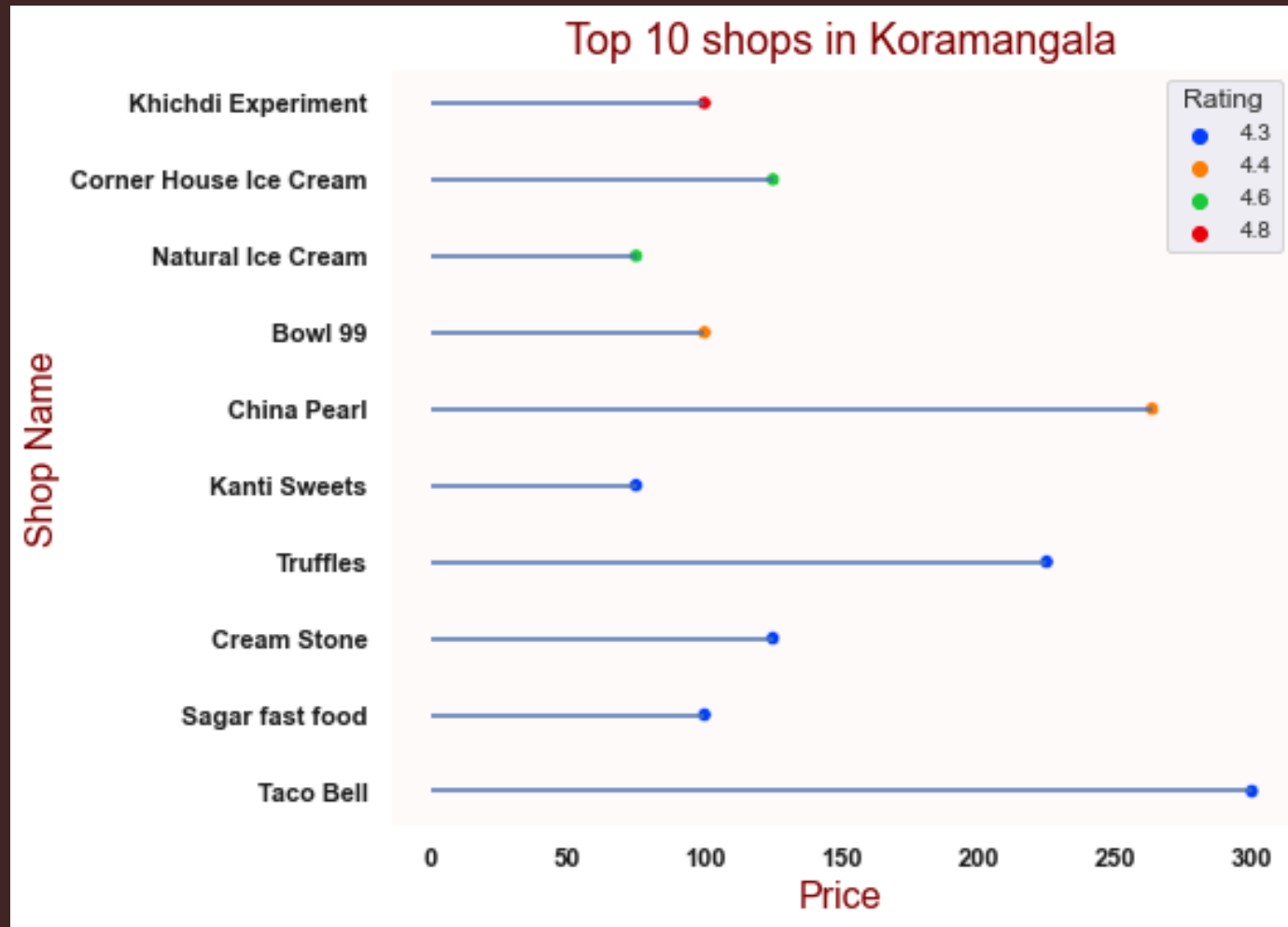❖ Only **one** shop is located in **BTM.**

Top 10 mostly available Cuisines

❖ **From this page we get to know about** top 10 mostly available Cuisines.

Rating of shops in Koramangala

Cost of 1 item in different Shops in Koramangala

Chart: "Cost of 1 item in different Shops in Koramangala"

Y-axis: Price in Rupees (0 to 300)

X-axis: Shop Name

Shops (left to right): Kanti Sweets, Sri Krishna sagar, Beijing Bites, Kitchens of Punjab, Yumlane Pizza, Cake Box, Meghana Foods, Momoz, A2B - Adyar Ananda Bhavan, Shawarma Inc, WarmOven Cake & Desserts, Falahaar & Kota Kachori, Maa Di Hatti, Rolls On Wheels, Rice Bowl, Burger King, Nandhana Palace, Easy Bites, Madurai Idly Shop, Taco Bell, Bathinda Junction, Cream Stone, Pizza Hut, China Pearl, Onesta, FreshMenu, Donne Biryani House, Pipabu, Sharmas punjabi restaurant, KFC, Sagar fast food, Biryanis and more, Biryani Khazana, 800 Momos, Thalassery Restaurant, Nagarjuna, Barista, Leon Grill, Khichdi Experiment, Kitchens of China, Natural Ice Cream, Truffles, Khawa Karpo, 99 VARIETY DOSA AND JUICE-Malli mane food court, Purani Dilli By Anand Sweets, XO Belgian Waffle, Madeena Hotel, Corner House Ice Cream, NIC Natural Ice Creams, Just Shawarma, La Pino'z Pizza, Delhi Food Point, Mad Over Donuts, Village Donne Biriyani, Paradise Biriyani, The Bowl Company, Hotel Savitha Family Restaurant, Bowl 99, Kritunga, Wok Paper Scissors, Royal Treat, Thali 99, Mani's Dum Biryani
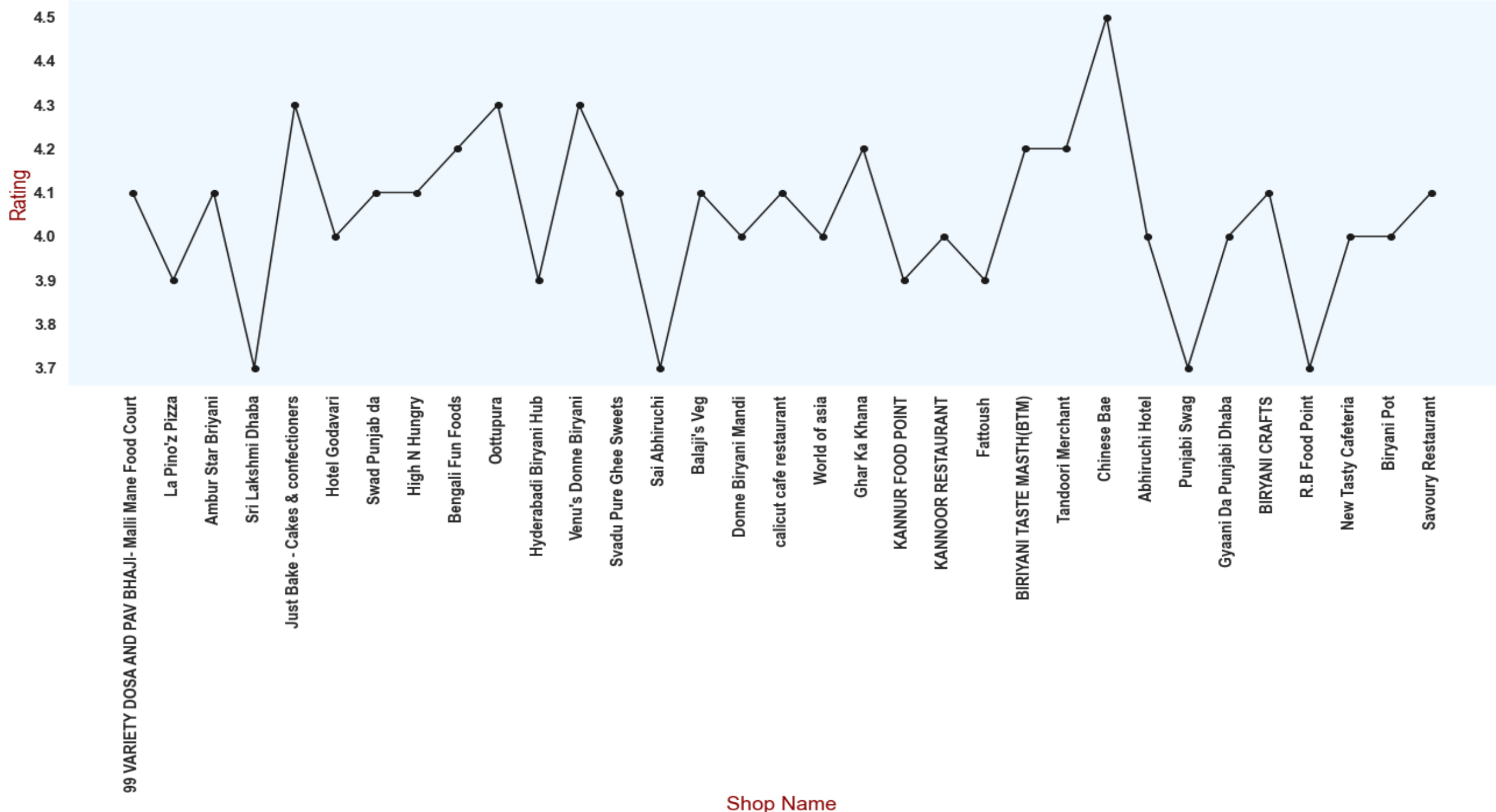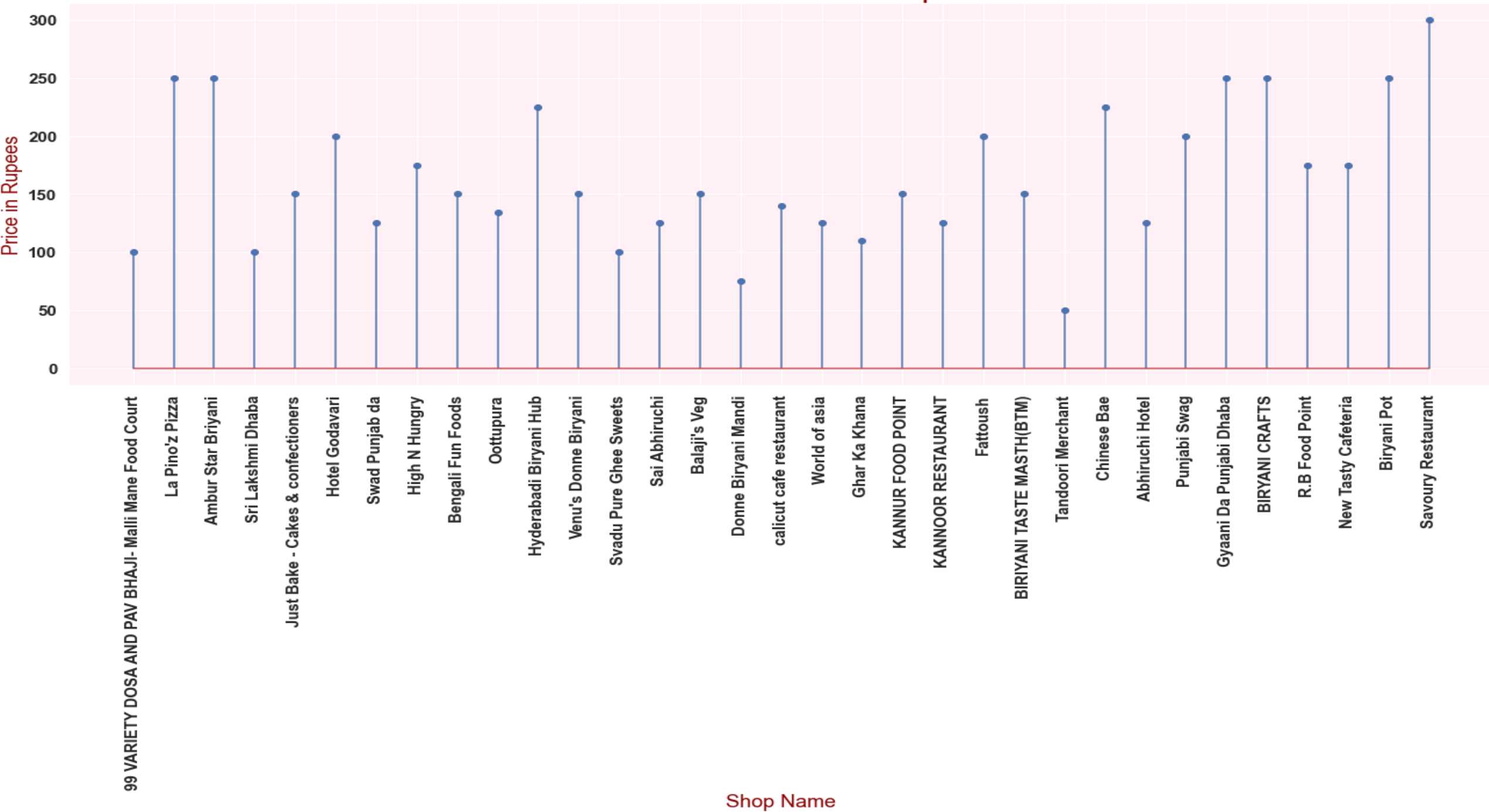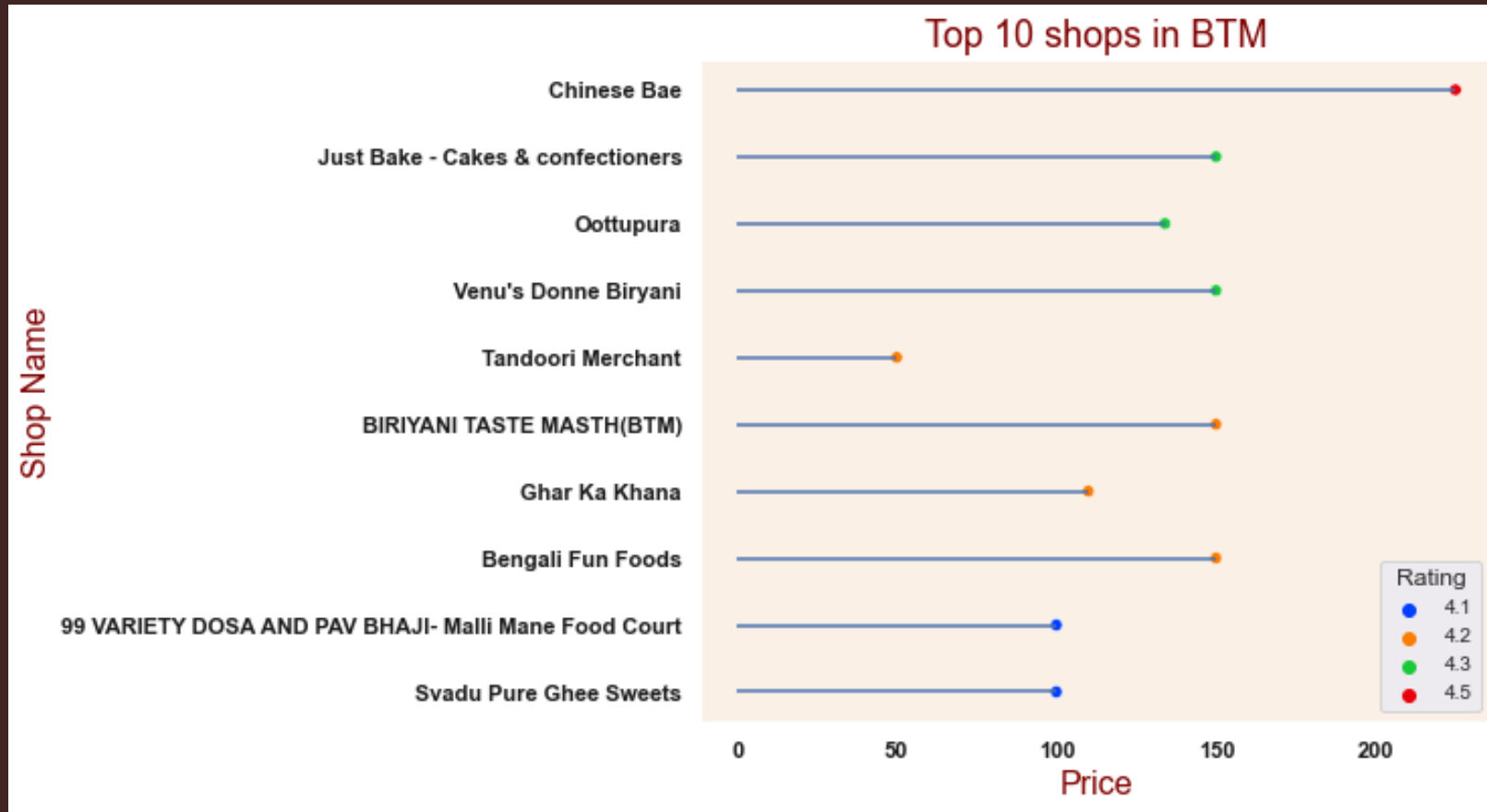
Top 10 shops in Koramangala

❖ **Khichdi Experiment** is the best shop in Koramangala which has best price of 100/- and best rating of 4.8 with the availability of popular cuisines.

Rating of shops in BTM

Rating

Shop Name

99 VARIETY DOSA AND PAV BHAJI- Malli Mane Food Court
La Pino'z Pizza
Ambur Star Briyani
Sri Lakshmi Dhaba
Just Bake - Cakes & confectioners
Hotel Godavari
Swad Punjab da
High N Hungry
Bengali Fun Foods
Oottupura
Hyderabadi Biryani Hub
Venu's Donne Biryani
Svadu Pure Ghee Sweets
Sai Abhiruchi
Balaji's Veg
Donne Biryani Mandi
calicut cafe restaurant
World of asia
Ghar Ka Khana
KANNUR FOOD POINT
KANNOOR RESTAURANT
Fattoush
BIRIYANI TASTE MASTH(BTM)
Tandoori Merchant
Chinese Bae
Abhiruchi Hotel
Punjabi Swag
Gyaani Da Punjabi Dhaba
BIRYANI CRAFTS
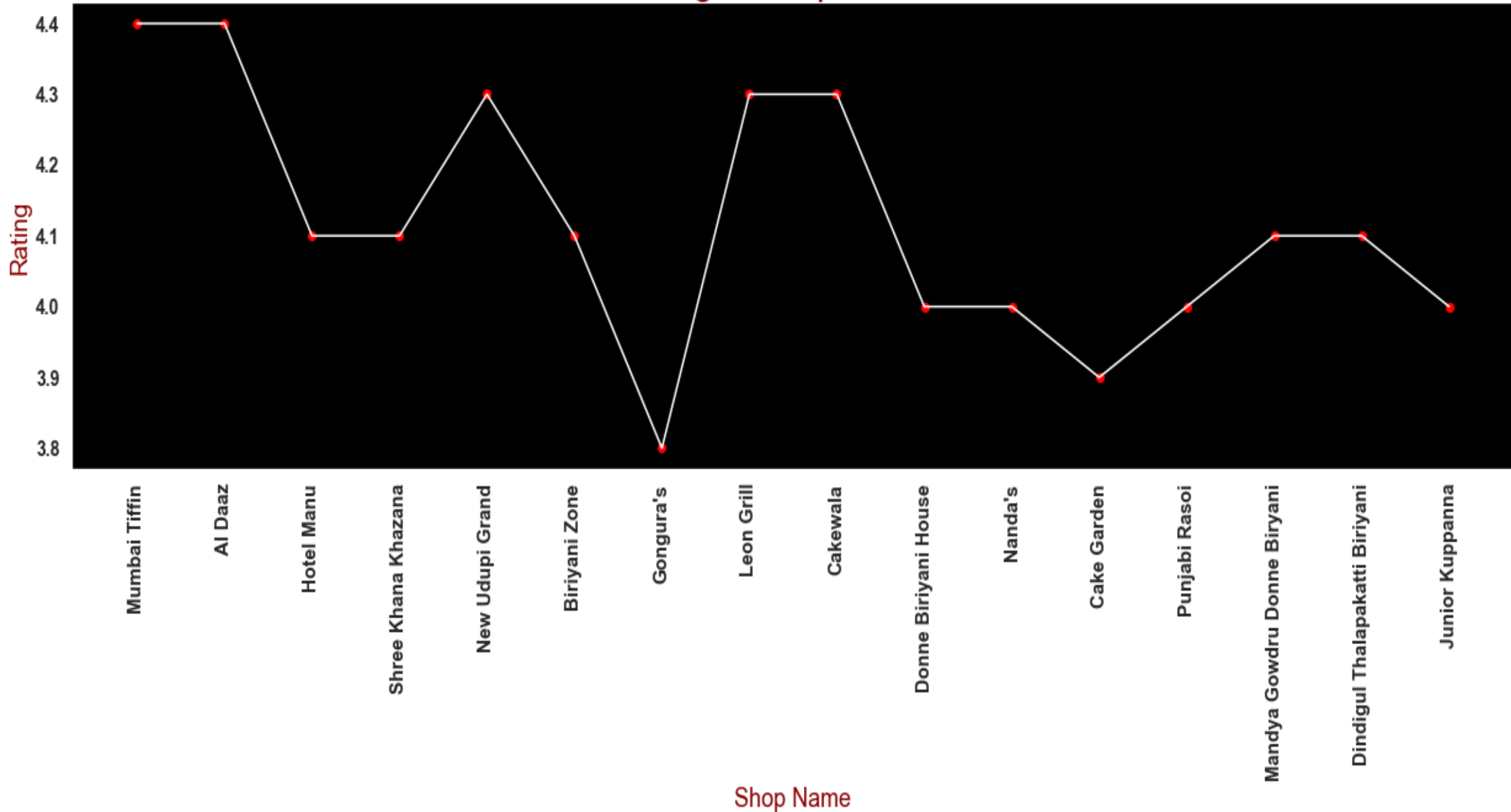R.B Food Point
New Tasty Cafeteria
Biryani Pot
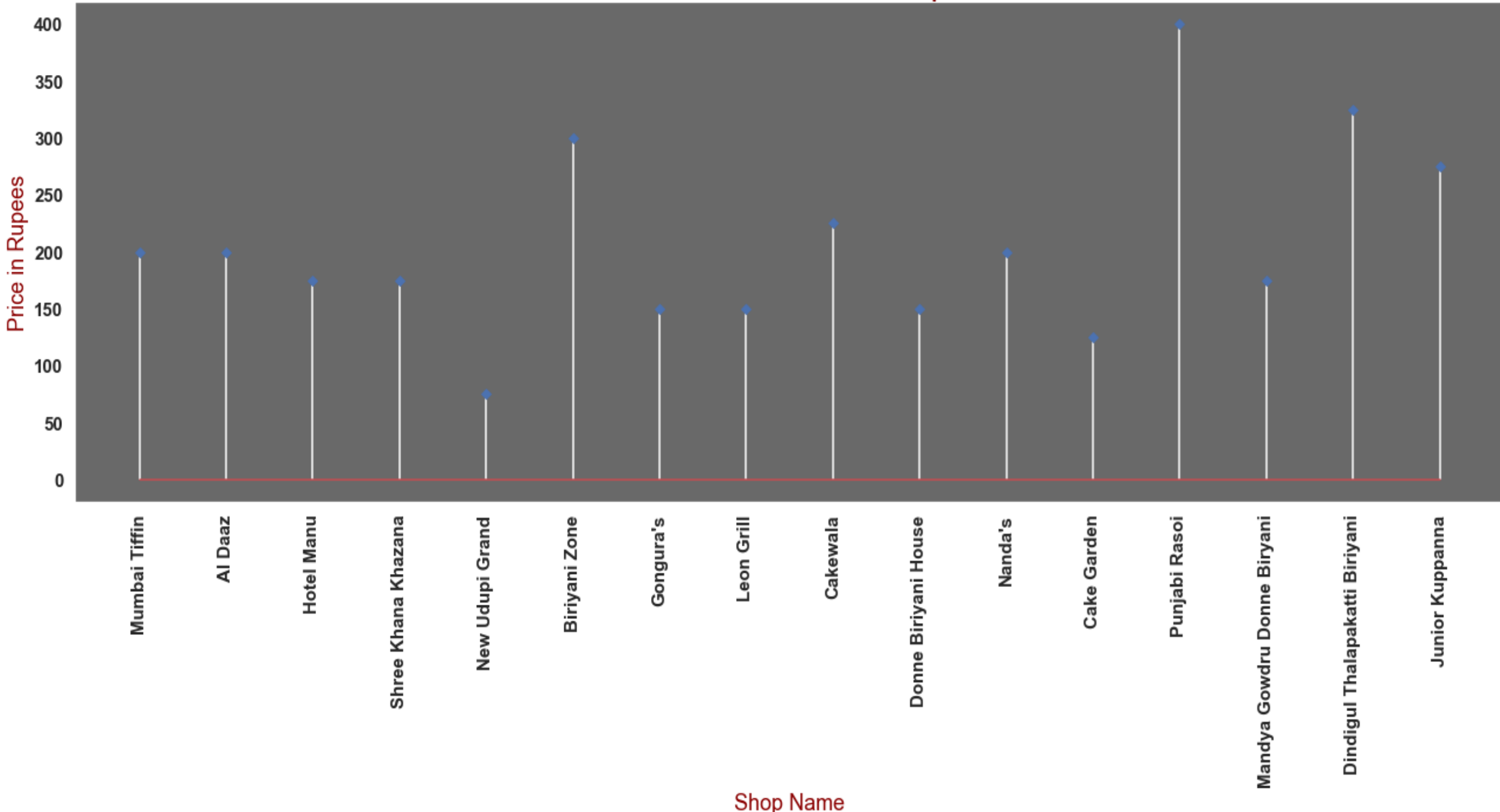Savoury Restaurant

Cost of 1 item in different Shops in BTM

❖ **Chinese Bae** is the shop in BTM which has highest price of **225/-** and best rating of **4.5.**
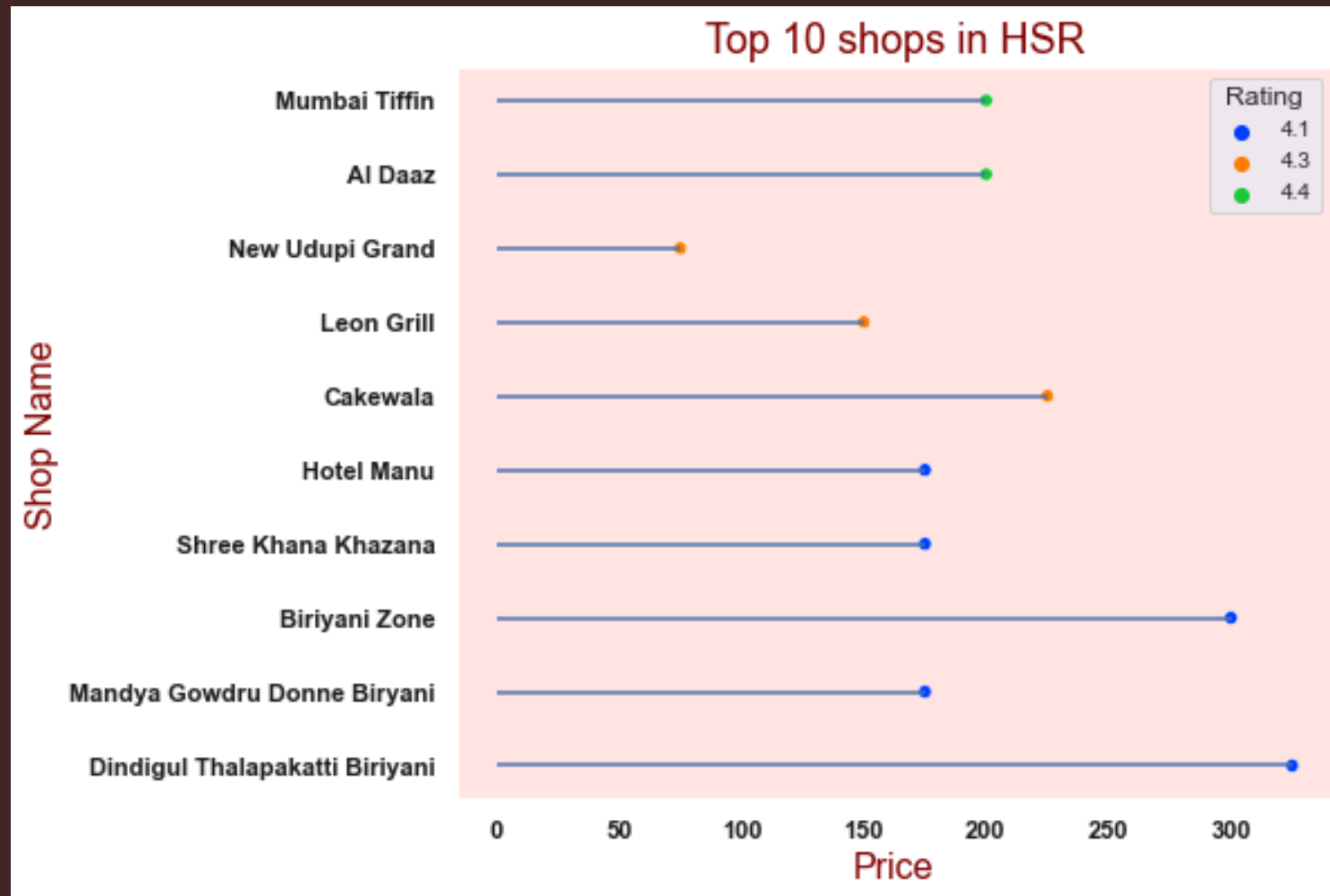❖ **Tandoori Merchant** is the shop having less price of **50/-** with a rating of **4.2**
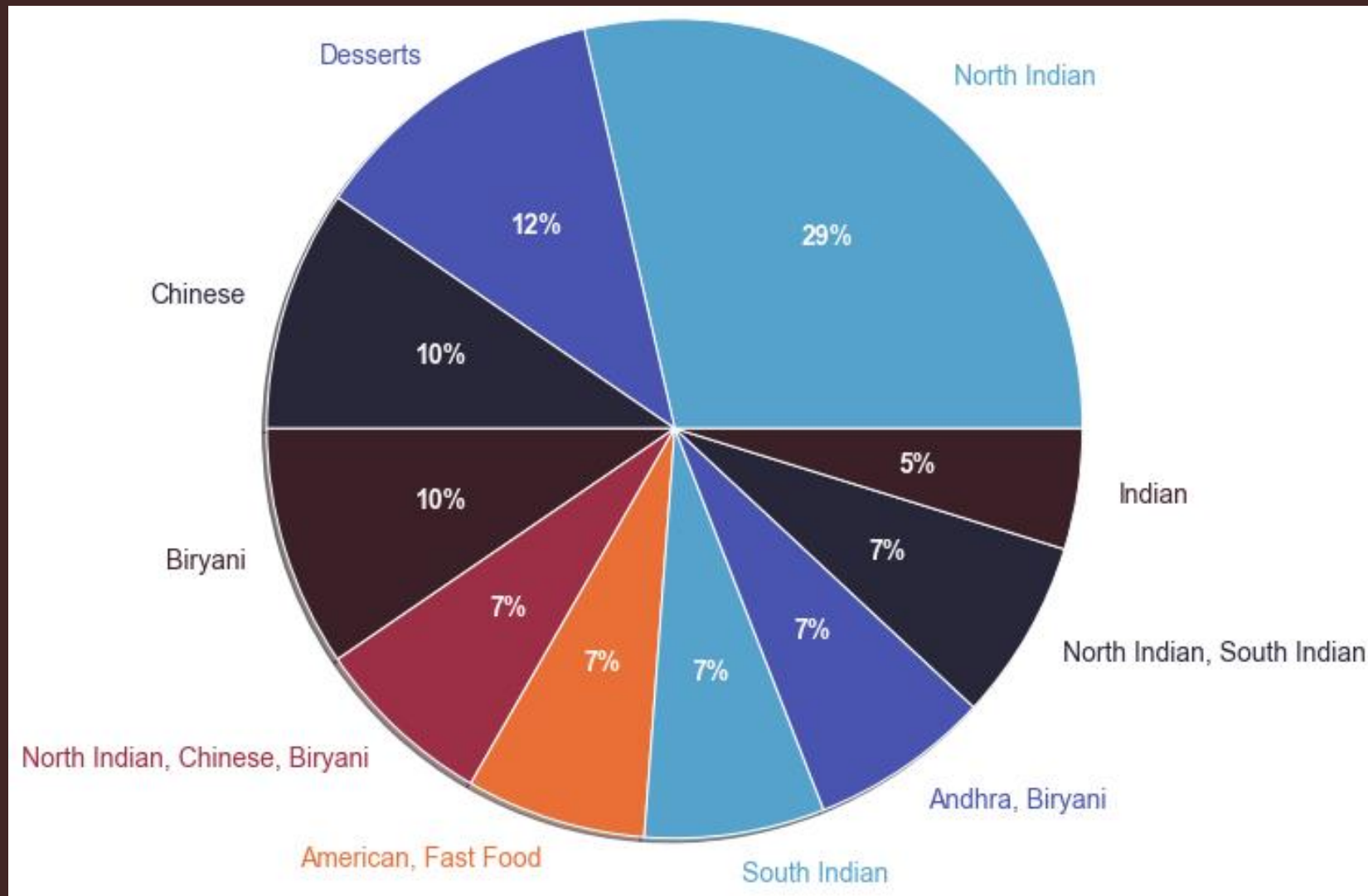
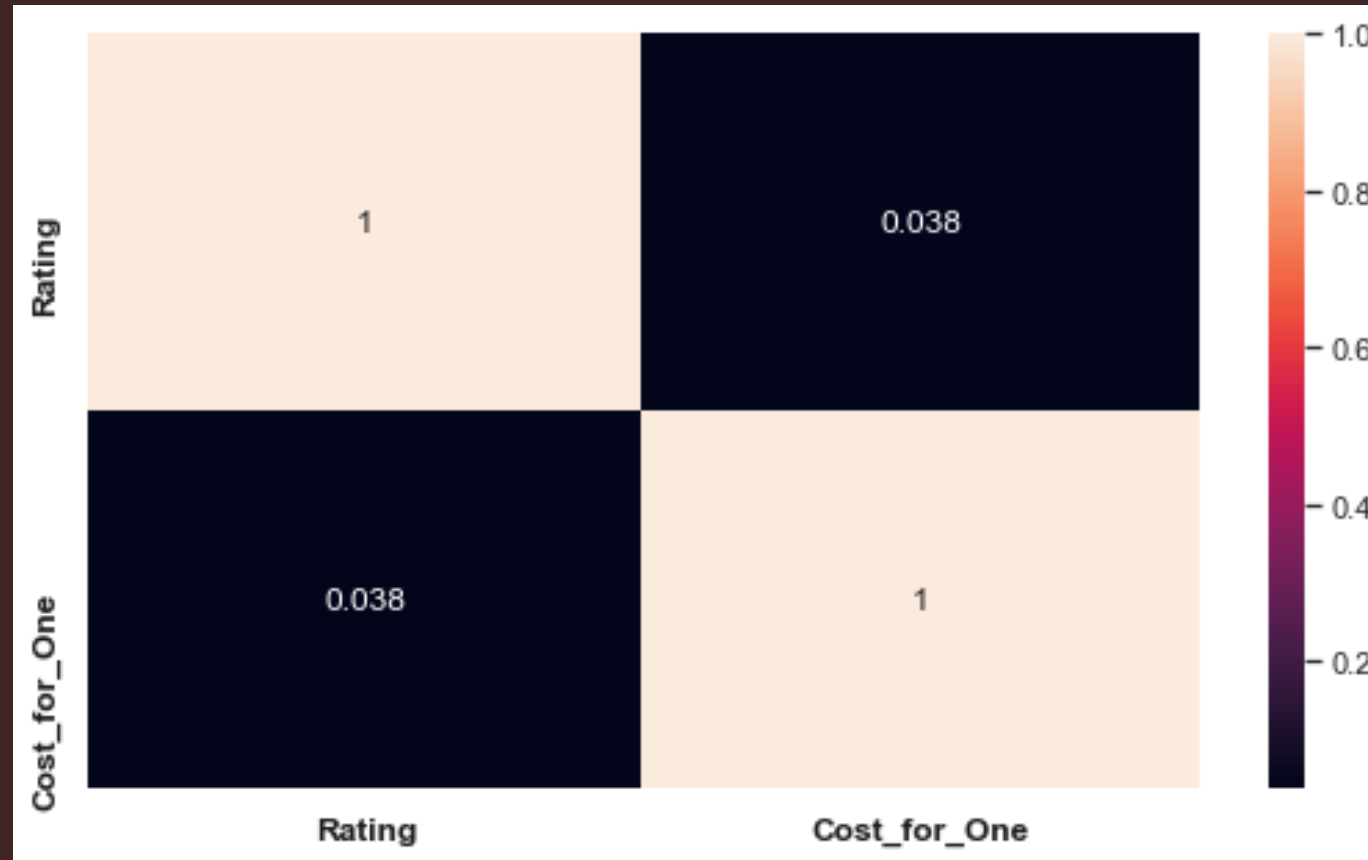Rating of shops in HSR

Cost of 1 item in different Shops in HSR

❖ **Mumbai Tiffin & Al Daaz are** the shops in HSR which has price of **200/-** and best rating of **4.4** with the availability of popular cuisines.

❖ **Dindigui Thalapakatti** Biryani shop has highest price of **325/-** with a rating of **4.1**

❖ **From this page we get to know about** percentage of availability of top 10 Cuisines.

CORRELATION

❖ **Correlation ranges from -1 to +1, Values closer to zero means there is no linear relationship between the two variables.**

❖ **The values near to 1 are more positively correlated, if one variable increases the other also increases.**

❖ **The values near to -1 are more negatively correlated, if one variable increases the other decreases.**

Q & A

❖ **What's the Source of the Data** - **Collected from Given Data Set**

❖ **Which tools you are used in this entire project** – **Pandas, NumPy, Seaborn, Matplotlib**

❖ **How did you deploy the report** - **The report was deployed in my GitHub Account**

❖ **What was the type of Data** - **Numerical and Categorical Values**

THANK YOU