
Analyzing Swiggy

WIREFRAME DOCUMENTATION

Vaibhav Joshi
Mansi Kotadiya

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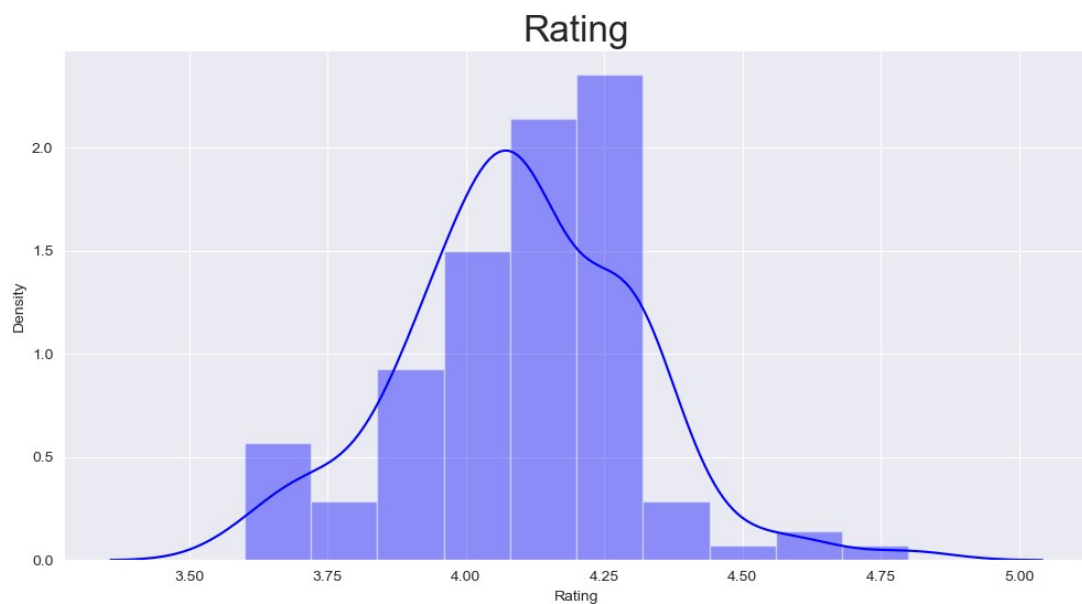


Analysis

As per the problem statement, we have defined the several Use Cases to perform the analysis on which helps in not only understanding the meaningful relationships between attributes but it also allows us to do our own research and come-up with our findings.

1. Distribution of 'Rating':

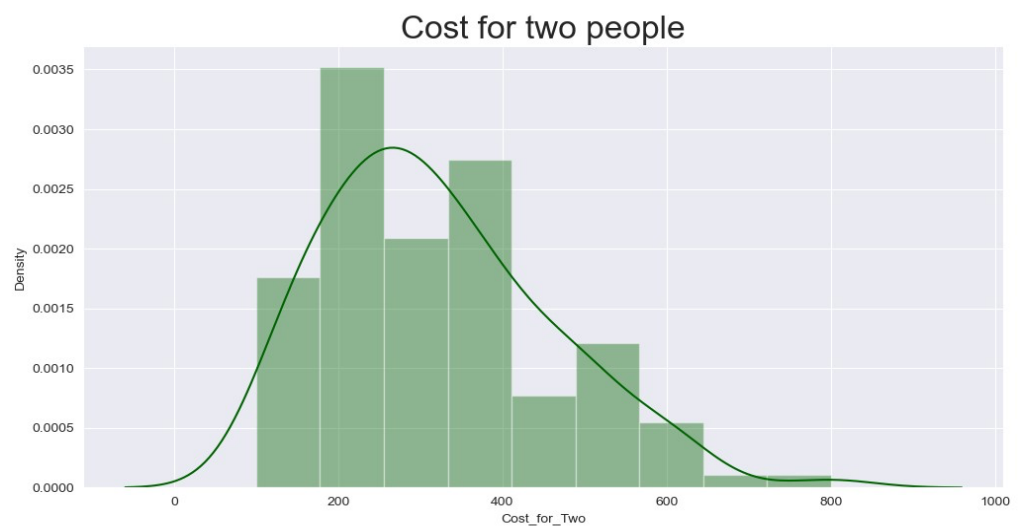
In this **DistPlot** visual, we tried to interpret the distribution of Ratings.



2. Area Analysis 'Rating' and 'Cost for Two Analysis':

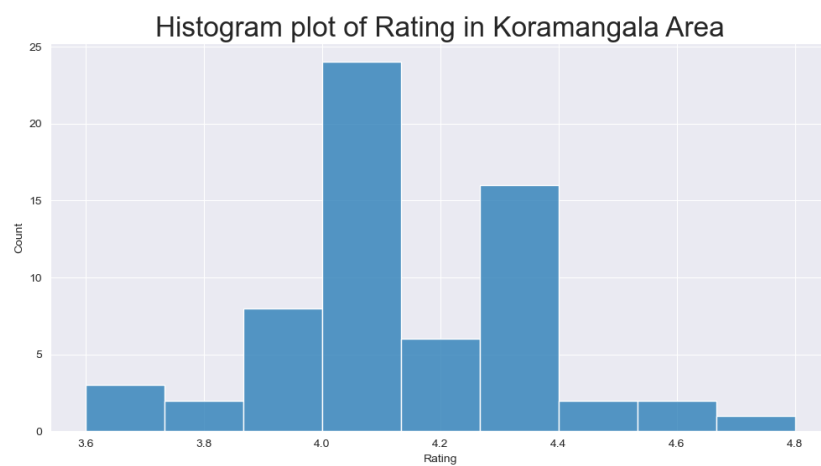
In this section, we analyse the data and tried to interpret the followings - I.e.

Overall Cost of two people

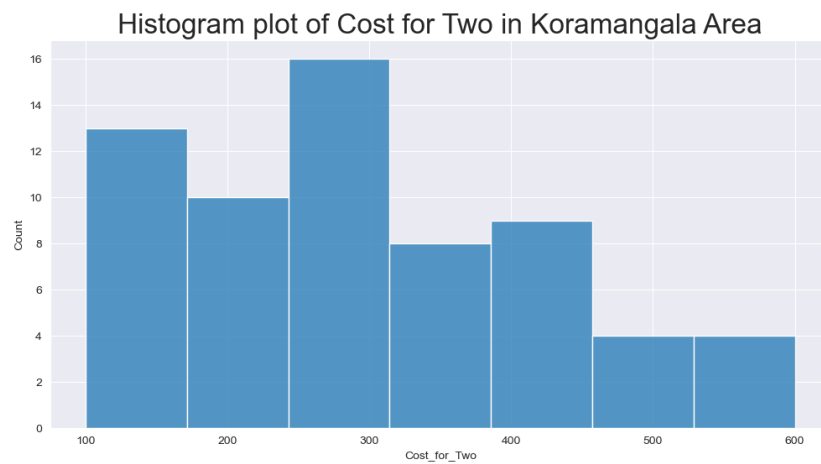


- **Koramangala**

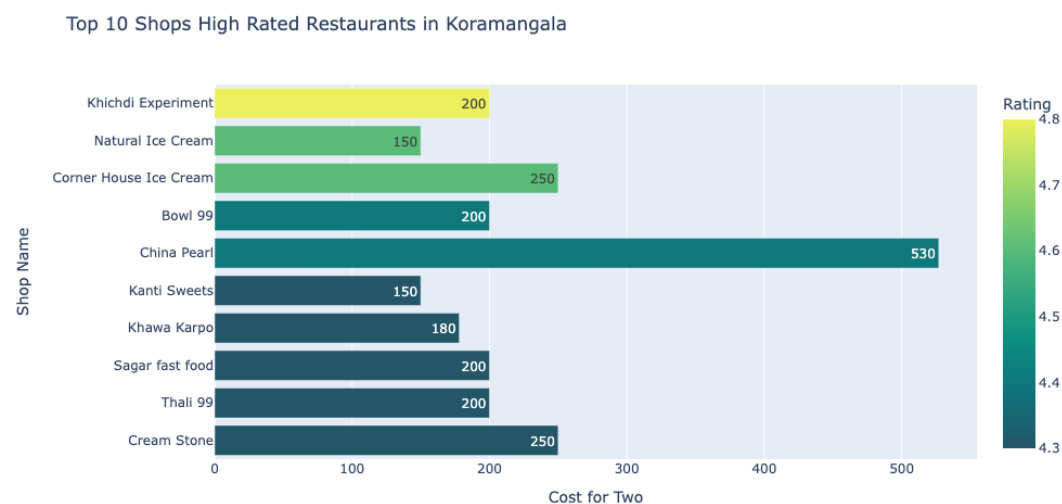
First, take Koramangala Area to check distributions of other features.



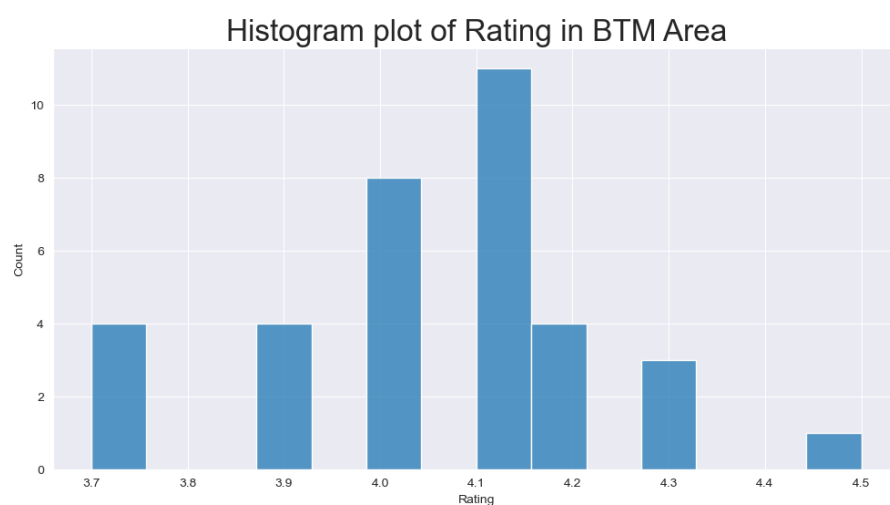
- Here, most of restaurants have rating between **4.0** to **4.2**



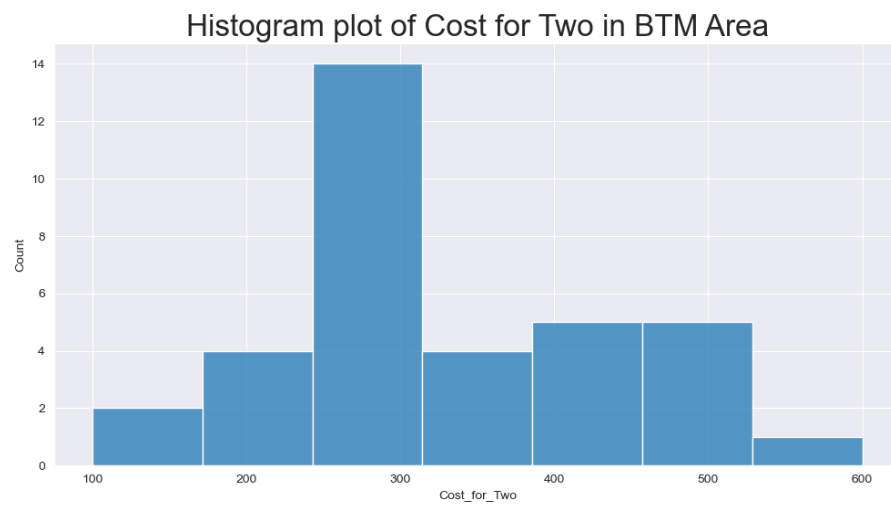
- Most of the number of data of cost for two person lies between **200 to 300**.



- **BTM**

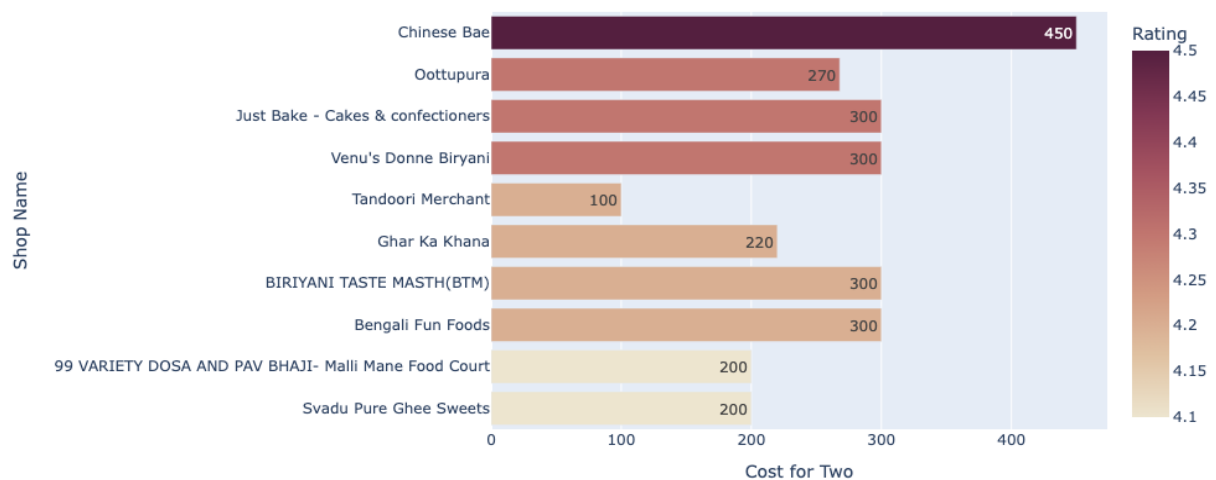


- Here, most of restaurants have rating **4.1**.

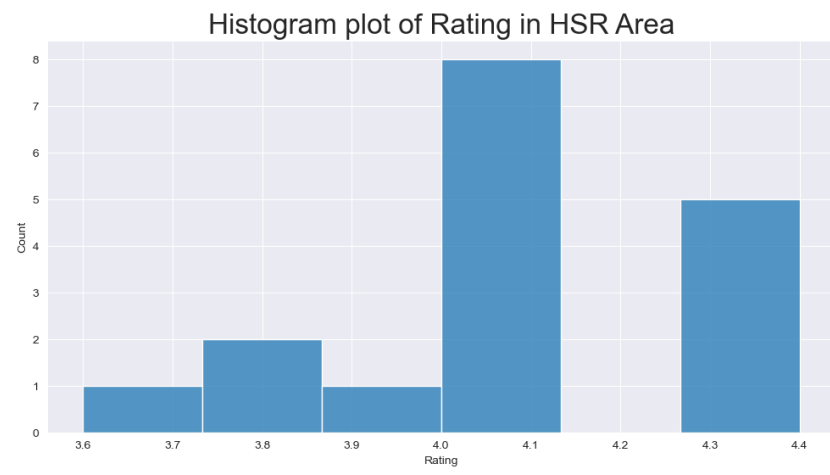


- most of the number of data of cost for two person lies at 300.

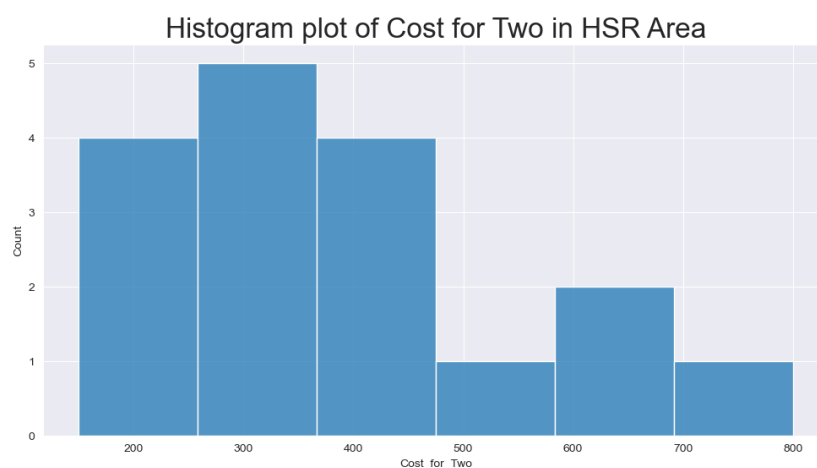
Top 10 Shops High Rated Restaurants in BTM



- **HSR**

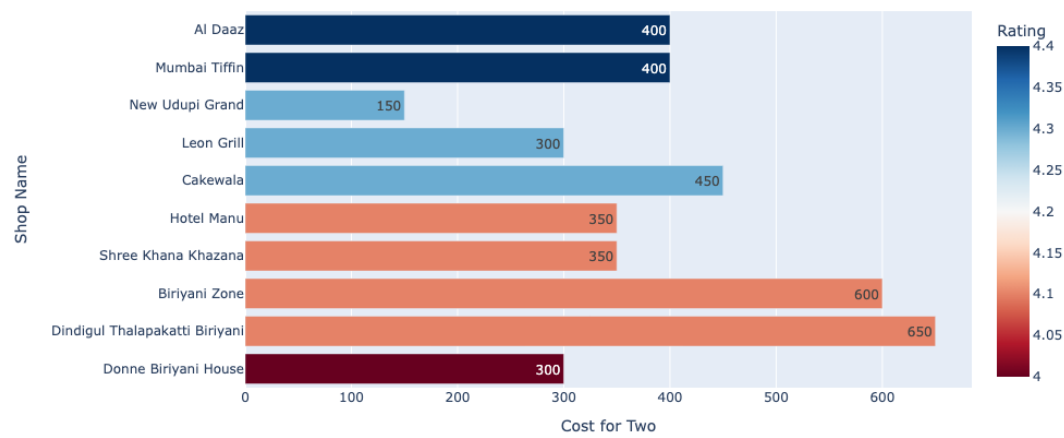


- Here, most of restaurants have rating **4.1** and also some of the restaurants have rating between **4.3** to **4.4**



- Most of the number of data of cost for two person lies between **200** to **500**.

Top 10 Shops High Rated Restaurants in HSR

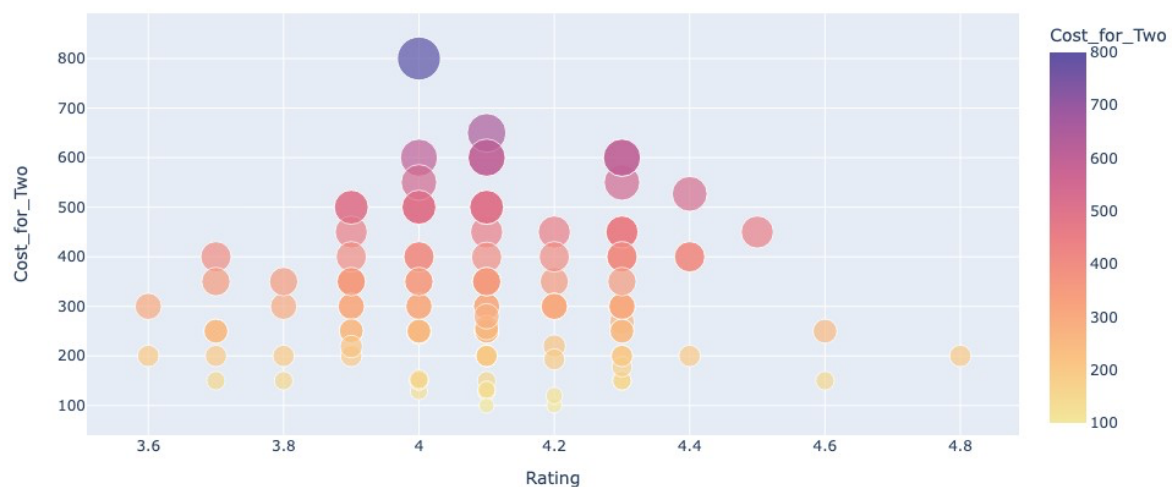


3. Analyse "Approx Cost of 2 People" vs "Rating". Find out the relationship between them:

Here, we tried to interpret the relationship between

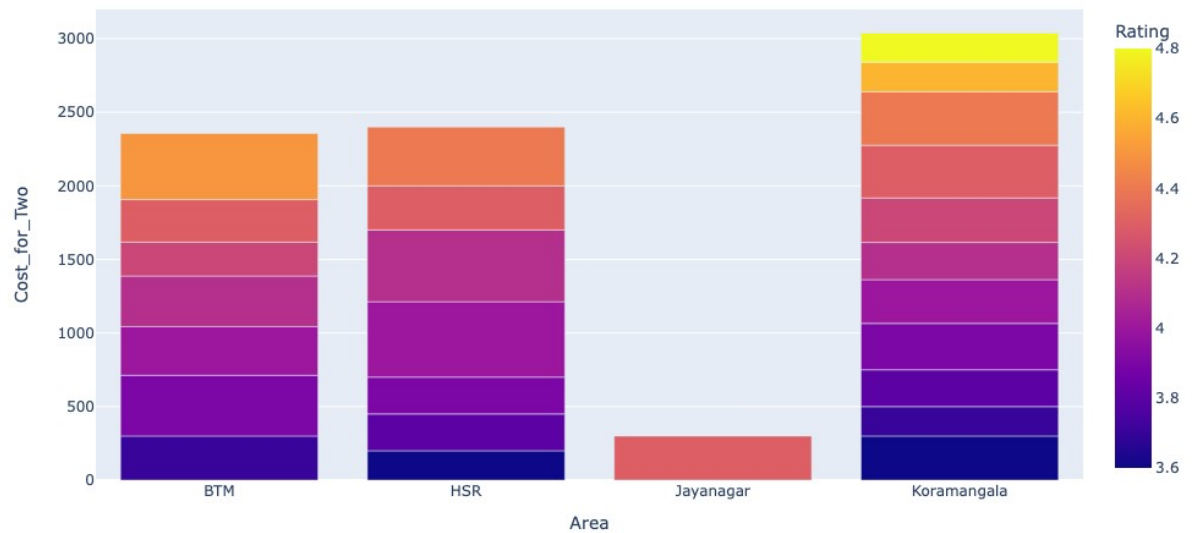
"Approx Cost of 2 People" **VS** **"Rating"** using Scatter Plot.

Rating vs Cost for Two



- Getting more numbers of Rating between cost of 100 to 500. - Also, we can see that have highest cost 800 at Rating of 4.

4. Analysis of Location

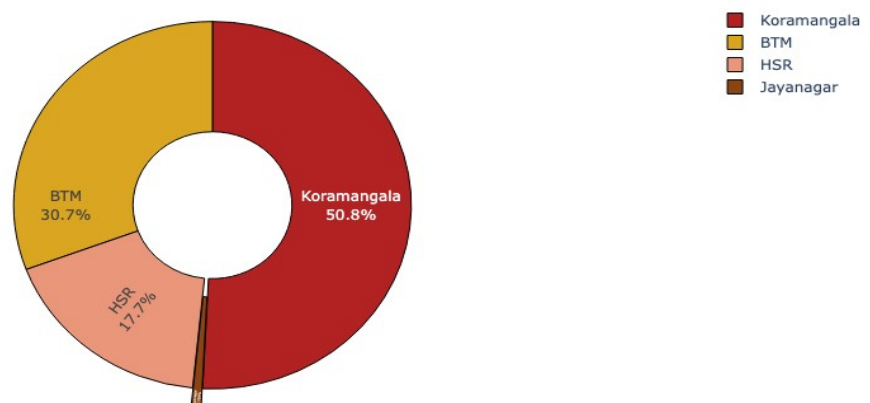


- Koramangala Area has Highest Cost for two people and also **Highest rated area** comparing other three areas.
- Jayanagar Area has only one data with Rating is **4.3** and cost is **300**.
- Whereas, Areas like BTM and HSR has almost same amount of cost.

5. Revenue generated by Area

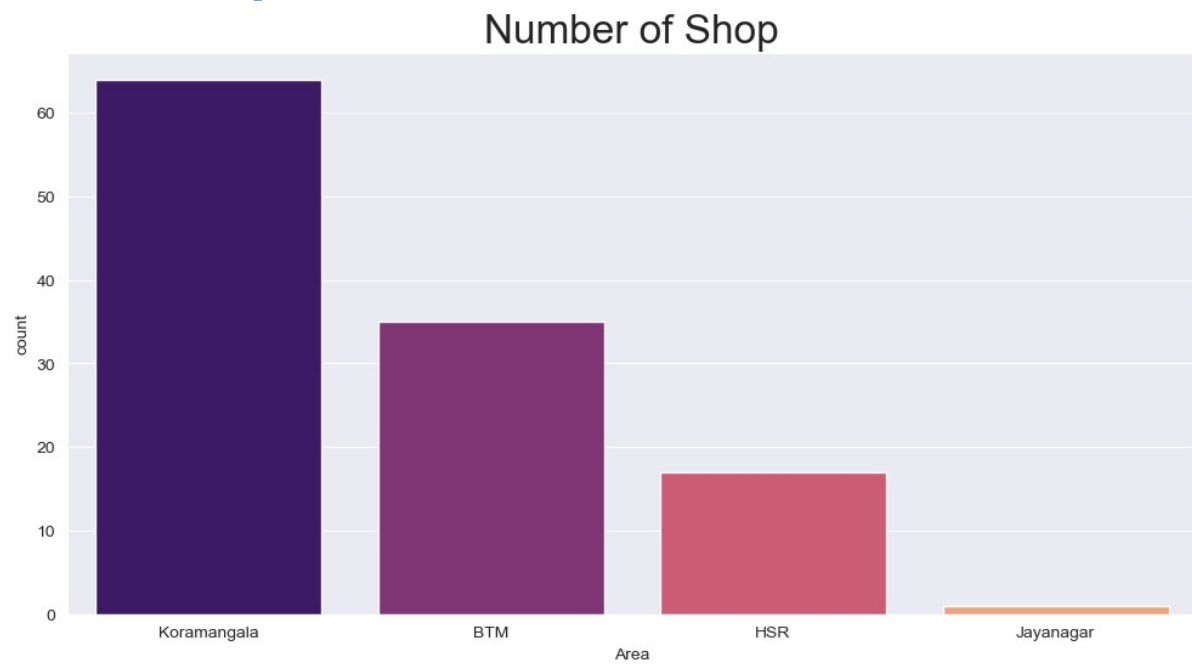
- Highest Revenue generated by Koramangala area.
- By Jayanagar generates lowest Revenue as we have only one data entry of that area which is logically correct.
- BTM and HSR are at second and third position for generating good revenue.

Pie Chart - Area wrt percentage of Cost



- Here, **50.8%** of Revenue generated by **Koramangala Area**.
- Also, **30.7%** and **17.7%** of Revenue generates by **BTM** and **HSR** respectively. - **0.799%** Revenue by **Jayanagar**.

6. Number of Shop in Particular Area

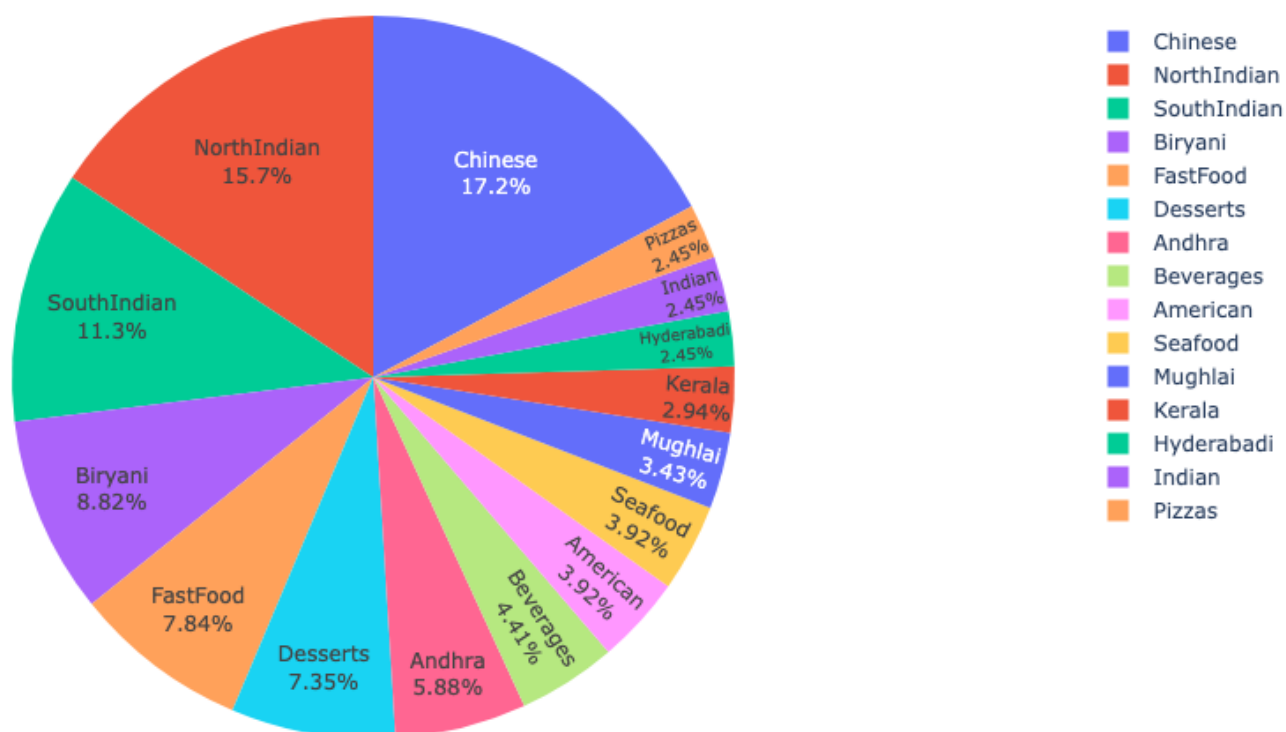


- Maximum number of shops are in Koramangala, which is obvious.

Cuisine Analysis

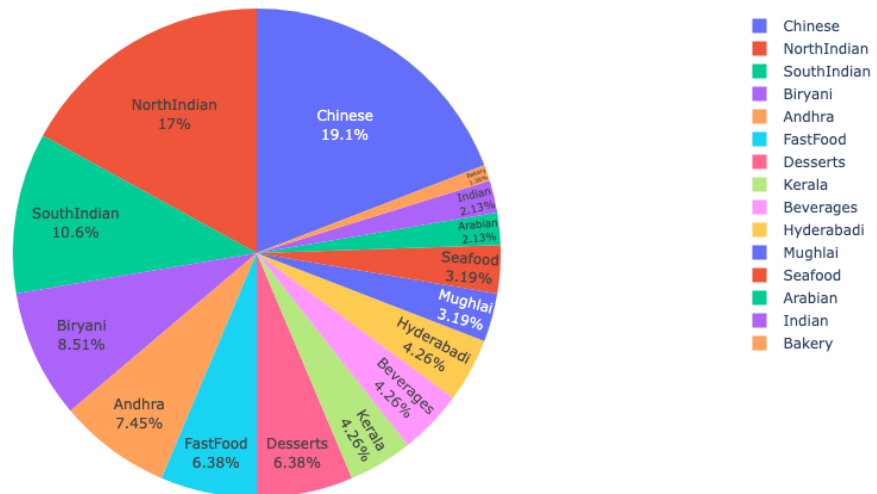
7. Overall analysis of all Cuisine.

- here, Most popular **Top 3 Cuisine** of Bangalore - Swiggy dataset is **Chinese**, **North Indian** and **South Indian**.



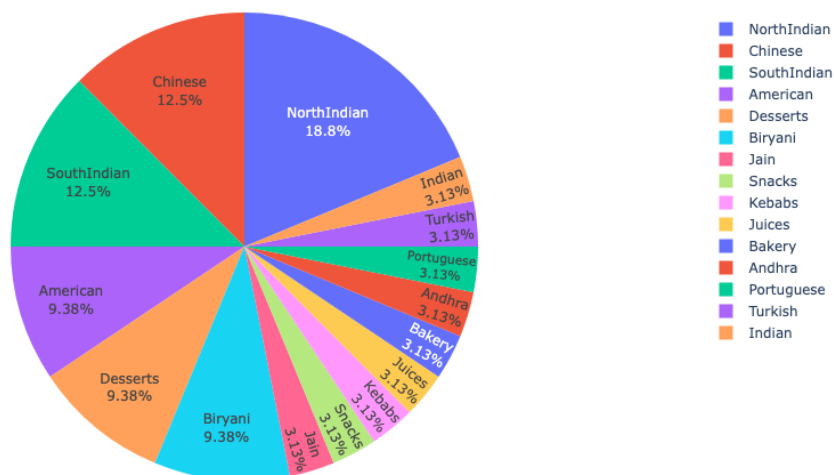
8. Area wise top Cuisine Analysis.

BTM



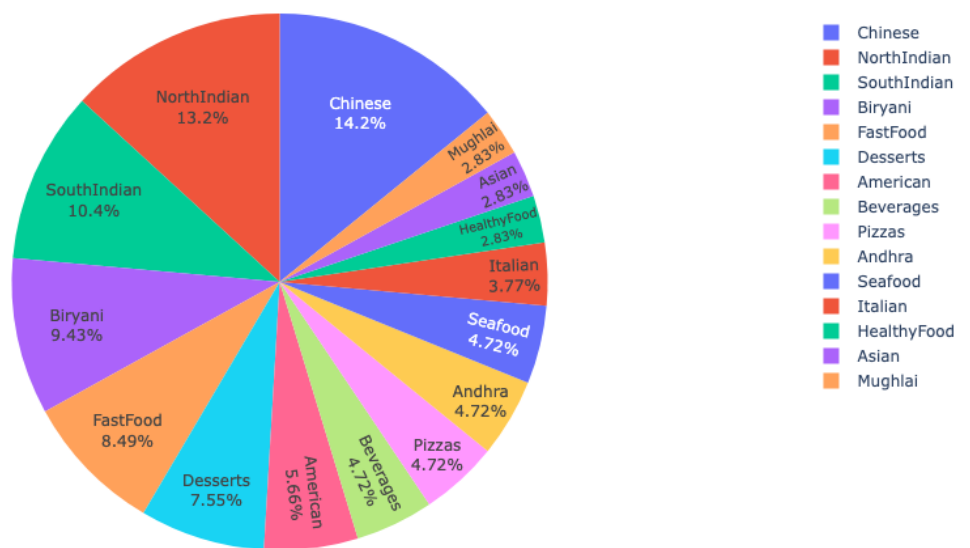
- In BTM, **Top 3 Cuisine** of this area is **Chinese, North Indian** and **South Indian** with **19.1%, 17%** and **10.6%** respectively. It's shows that here also people more like Chinese food and North Indian food.

- HSR



- **Top Cuisine** of HSR area is **North Indian, Chinese** and **South Indian** with **18.8%, 12.5%** and **12.5%** respectively.
- It's shows that people more like North Indian food so we can assume that there must be north indian people are staying in the area.

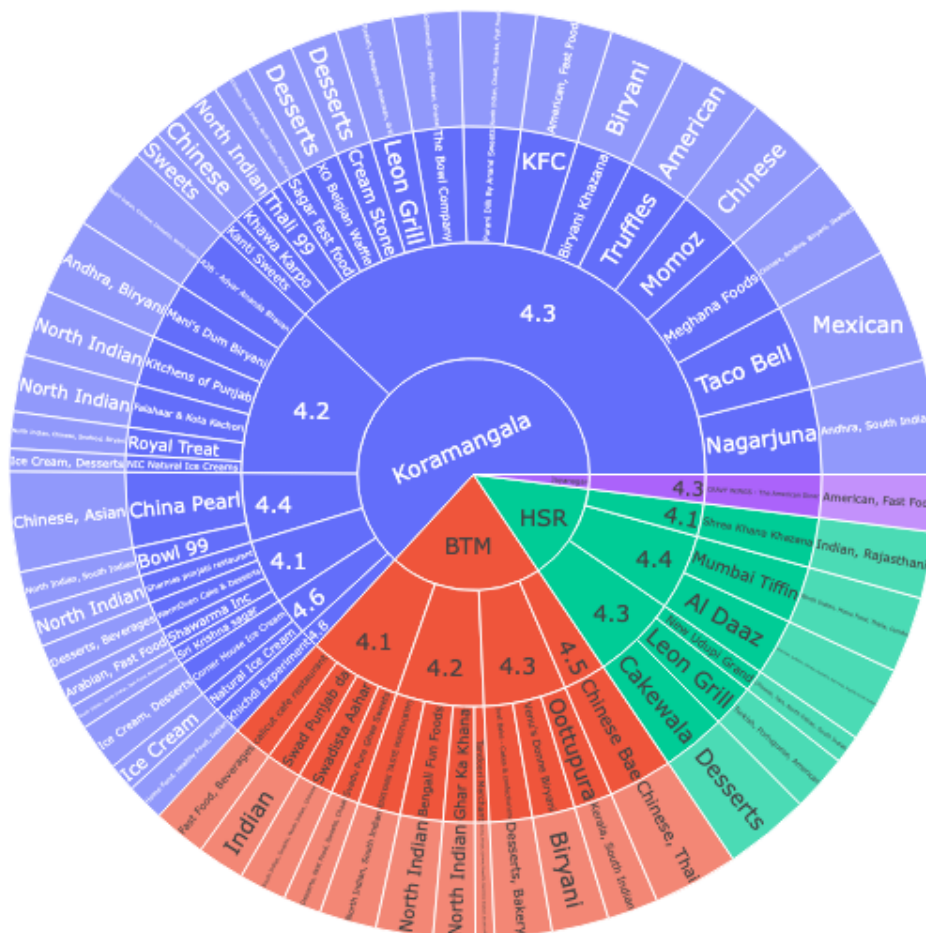
- Koramangala Area



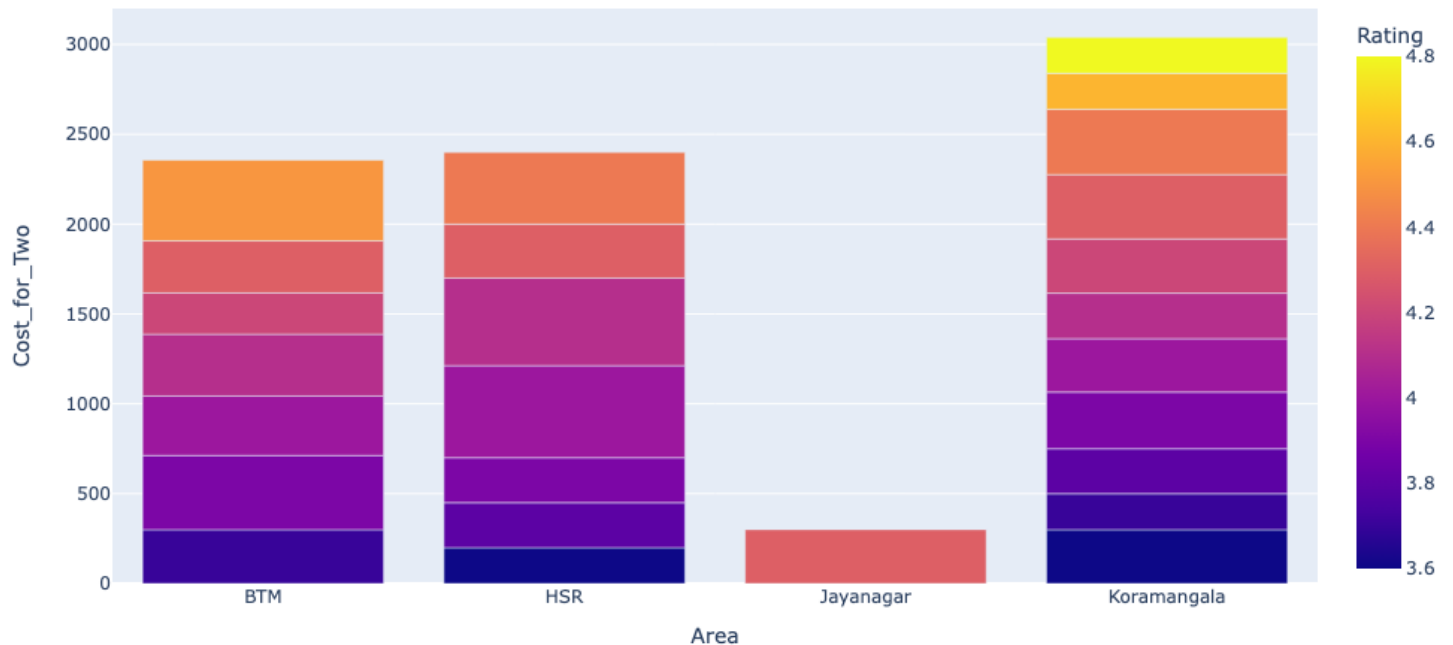
- Here also **Top 3 Cuisine** of Koramangala area is **Chinese, North Indian** and **South Indian** with **14.2%, 13.2%** and **10.4%** respectively.
- It's shows that people more like Chinese food and North Indian food in Koramangala Area.

9. Over all Insight of dataset with area, rating, shop name and cuisine

- Pie chart with Top 50 Restaurants of bangalore is easy to analyze by high ratings and low cost.



10. Analyse of Rating and Cost vs Area



- Koramangala Area has **Highest Cost** for two people and also **Highest rated area** comparing other three areas.
- Jayanagar Area has only one data with Rating is **4.3** and cost is **300**.
- Whereas, Areas like BTM and HSR has almost same amount of cost.