



# ZOMATO BANGALORE RESTAURANTS - EDA

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# Meet the Data

Zomato is an Indian restaurant aggregator and food delivery app. Bangalore city is the largest IT hub of India and so most of the people here depend on restaurant foods.

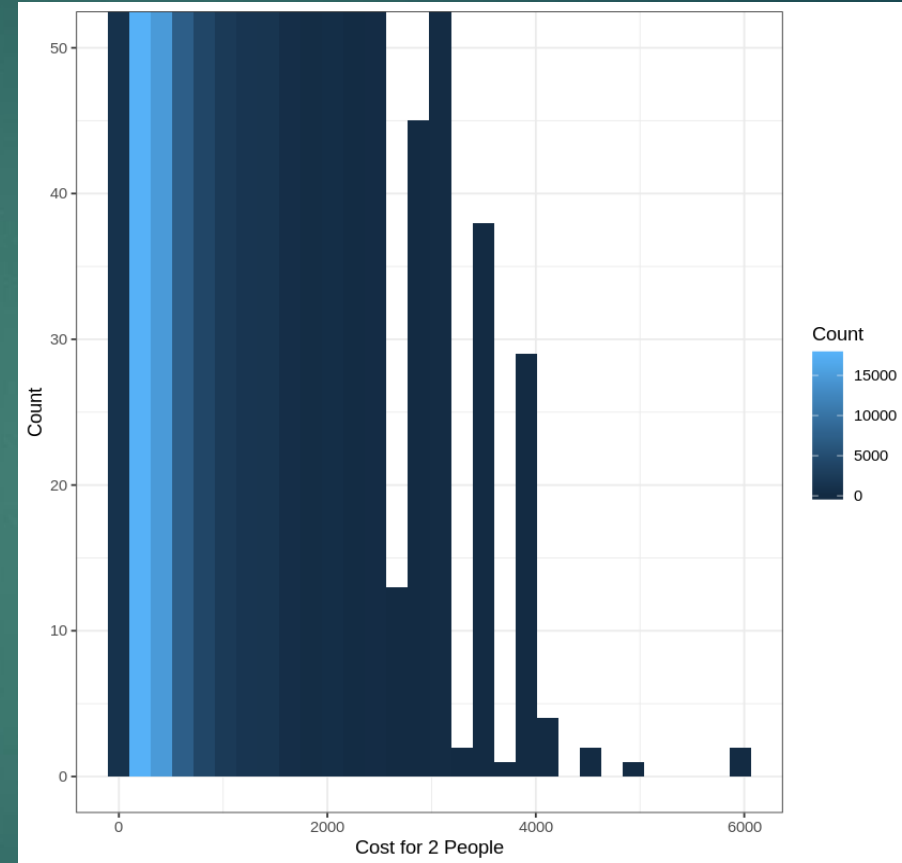
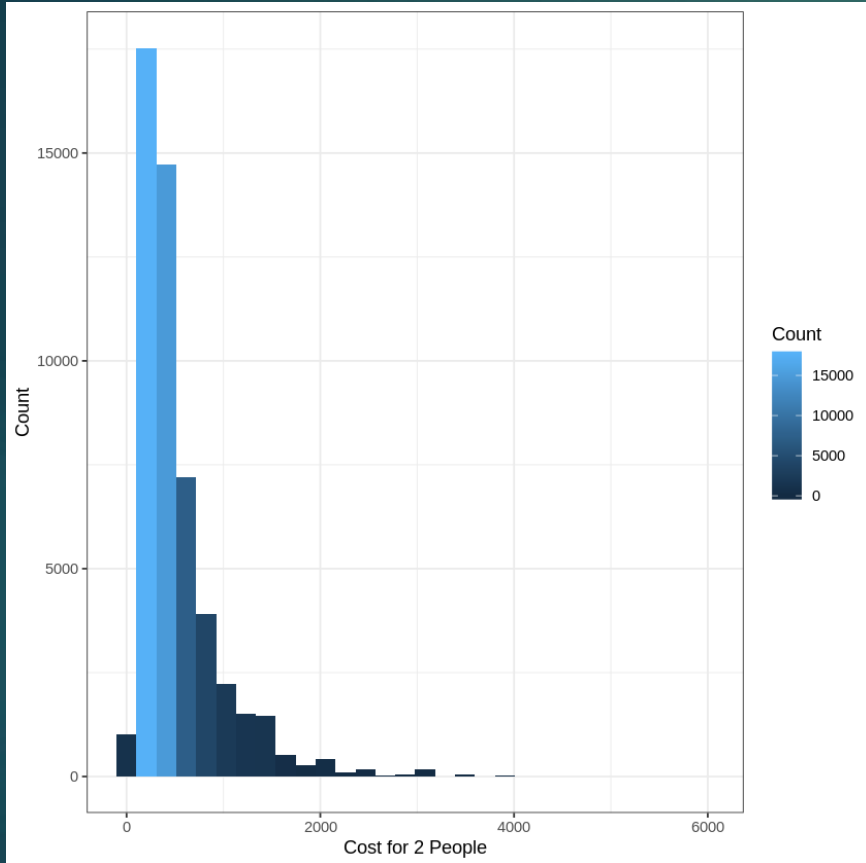
The data gives general information about more than 50,000 restaurants in Bangalore as given below which can help in analyzing the various factors that influence the popularity of the restaurants-

A tibble: 6 × 13

name	online_order	book_table	rate	votes	location	rest_type	dish_liked	cuisines	approx_cost(for two people)	menu_item	listed_in(type)	listed_in(city)
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Jalsa	Yes	Yes	4.1/5	775	Banashankari	Casual Dining	Pasta, Lunch Buffet, Masala Papad, Paneer Lajawab, Tomato Shorba, Dum Biryani, Sweet Corn Soup	North Indian, Mughlai, Chinese	800	[]	Buffet	Banashankari
Spice Elephant	Yes	No	4.1/5	787	Banashankari	Casual Dining	Momos, Lunch Buffet, Chocolate Nirvana, Thai Green Curry, Paneer Tikka, Dum Biryani, Chicken Biryani	Chinese, North Indian, Thai	800	[]	Buffet	Banashankari
San Churro Cafe	Yes	No	3.8/5	918	Banashankari	Cafe, Casual Dining	Churros, Cannelloni, Minestrone Soup, Hot Chocolate, Pink Sauce Pasta, Salsa, Veg Supreme Pizza	Cafe, Mexican, Italian	800	[]	Buffet	Banashankari
Addhuri Udupi Bhojana	No	No	3.7/5	88	Banashankari	Quick Bites	Masala Dosa	South Indian, North Indian	300	[]	Buffet	Banashankari
Grand Village	No	No	3.8/5	166	Basavanagudi	Casual Dining	Panipuri, Gol Gappe	North Indian, Rajasthani	600	[]	Buffet	Banashankari
Timepass Dinner	Yes	No	3.8/5	286	Basavanagudi	Casual Dining	Onion Rings, Pasta, Kadhai Paneer, Salads, Salad, Roti, Jeera Rice	North Indian	600	[]	Buffet	Banashankari

Source- Kaggle (<https://www.kaggle.com/himanshupoddar/zomato-bangalore-restaurants>)

# Average Cost for Two People



## Fact:

In India, restaurants that cost ₹1000 and above (for 2 people) are considered moderately expensive and those above ₹2000 are considered expensive.

For bars and buffets, ₹2000 can be considered normal and those above it as expensive.

It can be seen that the histogram is right skewed and most of the restaurants fall below ₹1000 mark. As they get expensive, their count reduces exponentially.

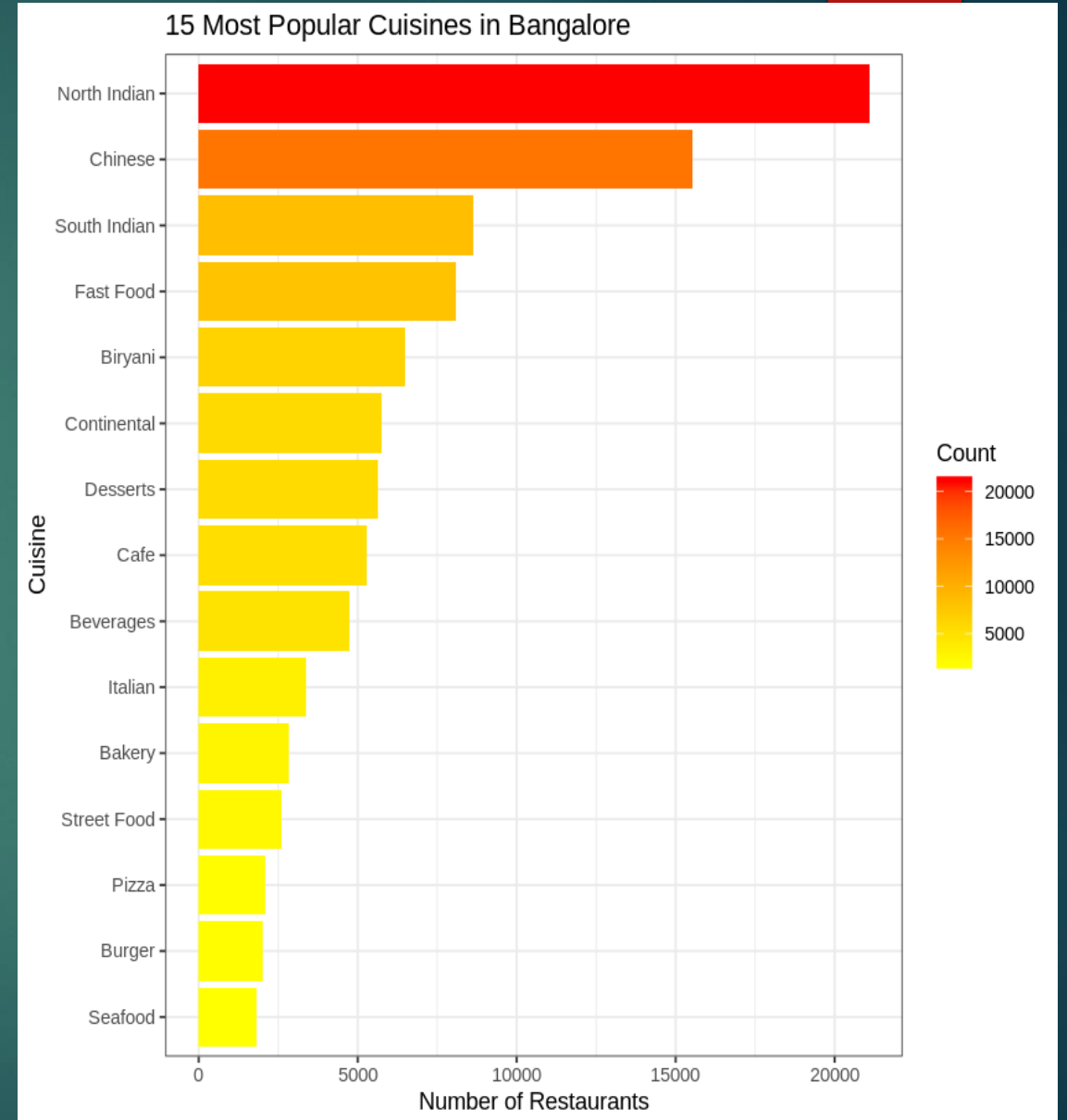
After zooming in, we can also see few restaurants that cost over ₹4000 (Very Expensive). And 2-3 restaurants that cost ₹6000 for 2 people.

# Most Popular Cuisines in Bangalore

- This bar chart is particularly interesting because Bangalore is considered to be a “South Indian” city. But ironically, the most popular cuisines in Bangalore are North Indian and Chinese, then followed by South Indian.
- The restaurants that offer these 2 cuisines are more in number and beat other cuisines by a wide mark. Rest of the cuisines have a gradually decreasing popularity.

## Fact:

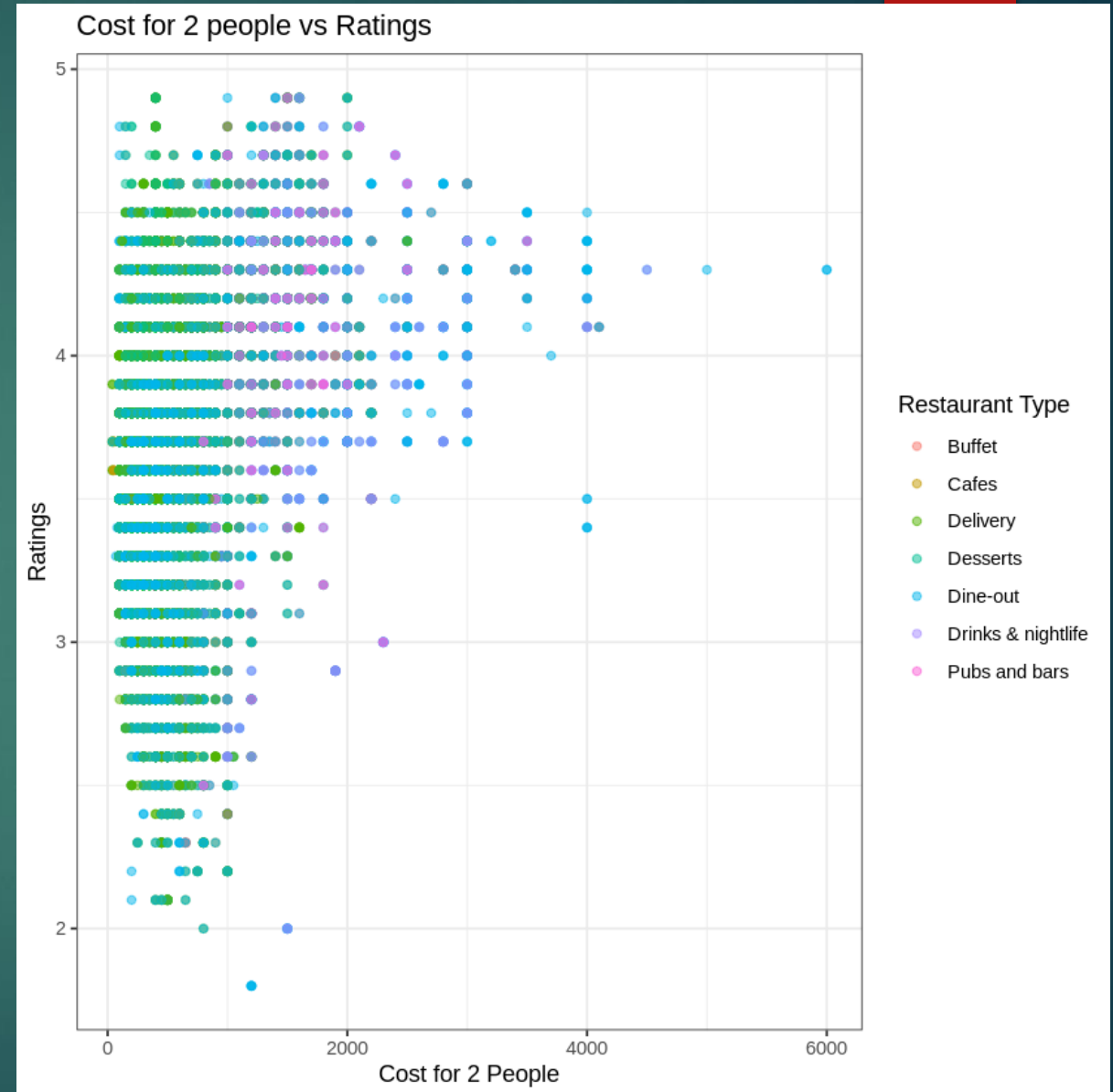
North Indian Cuisine consists of famous dishes like butter chicken, naan, biryani and lots of other varieties of sabzis, which are not very expensive and extremely popular all over India. These also happen to be the typical go-to lunch/dinner order and hence must be responsible for their high popularity.





# Higher Cost = Better Ratings ?

- For cost upto around ₹1000, the ratings seem to be uniformly distributed. After that, as the cost increases, the ratings increase too, meaning higher cost equals better experience.
- It is surprising to see the ratings of many of the cheaper restaurants (<1000), above the more expensive ones. (The number of votes may be responsible for this bias)
- The expensive restaurants mostly include the Dine-out types (actual “Five Star” Restaurants) and the more expensive nightclubs. Delivery, dessert and other dine out restaurants fall under the cheaper range. Pubs and bars are moderately expensive. Buffets are not clearly visible due to their small number.



# Ratings and Count of Votes

(Comparison with online orders)

- The ratings that are very high and very low have comparatively lower vote counts and hence there is greater chance that the ratings are biased. More votes usually means greater popularity and most of the popular restaurants have ratings around 3.5 and 4.2, which is quite decent.
- Although both are similarly distributed, the count of votes for online orders is much higher than those of traditional orders. This can be attributed to the fact that the online ordering apps request users to rate the restaurants after every order resulting in higher number of votes.

## Fact:

People prefer to order online since various offers are available and delivery fee is nominal in India. Bangalore being an IT hub, most of the people there rely on restaurant foods and online ordering becomes a convenient option.

