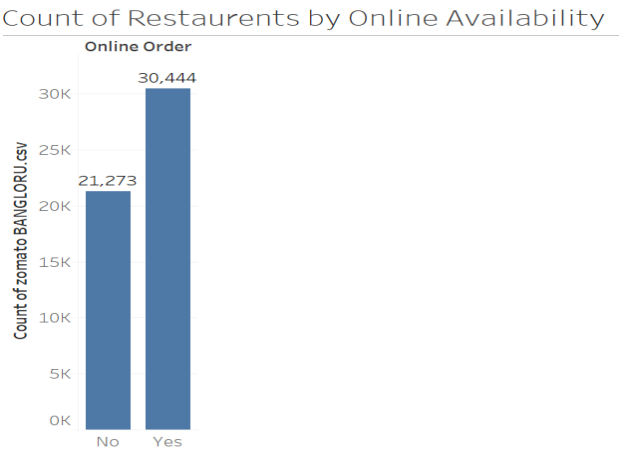
Write Tableau Calculations and Analysis for the Following:

1. Availability of Online Ordering:

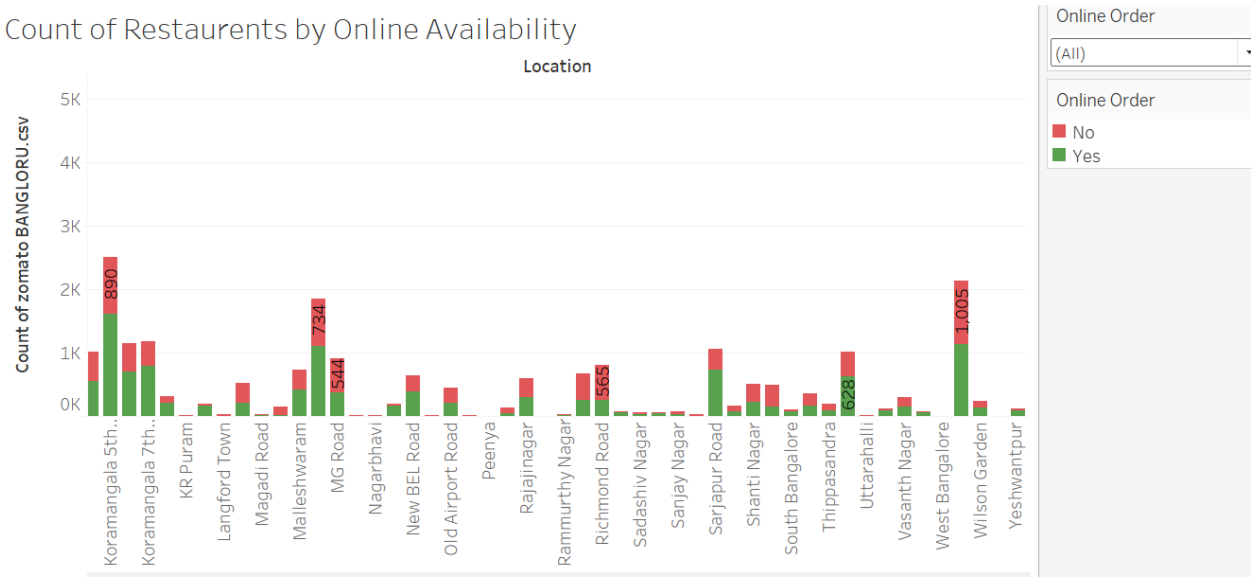
A-1 How many restaurants offer online ordering



No. of Restaurants are online available - 30444 nos

No. of Restaurants are online unavailable -21273 nos

A-2 How does the availability of online ordering vary by location in Bengaluru?



Steps-

1 Column – Put the location in column section

2 Row - Zomato table in row section

3 Filter - online order in filter section

4 Marks -online order in the color and Zomato in text section

2. Table Booking Options:

How many restaurants provide table booking options,

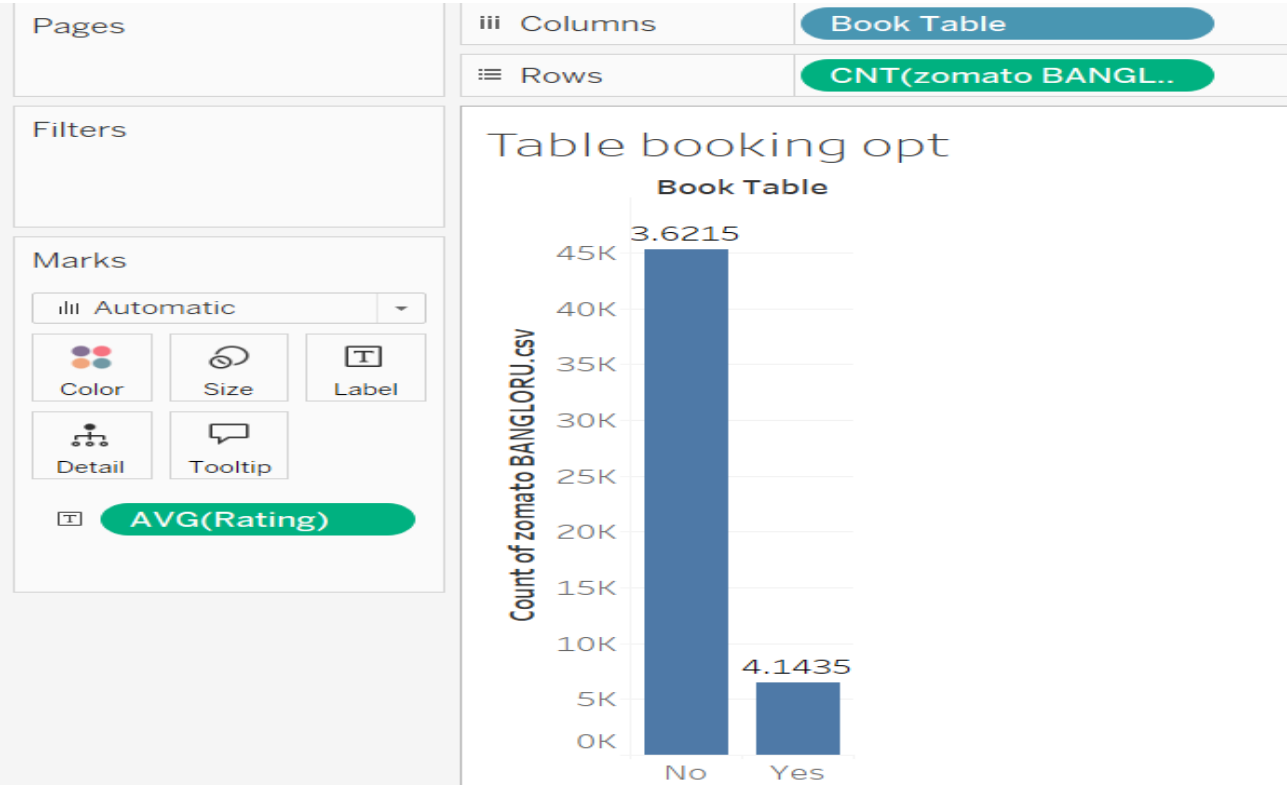


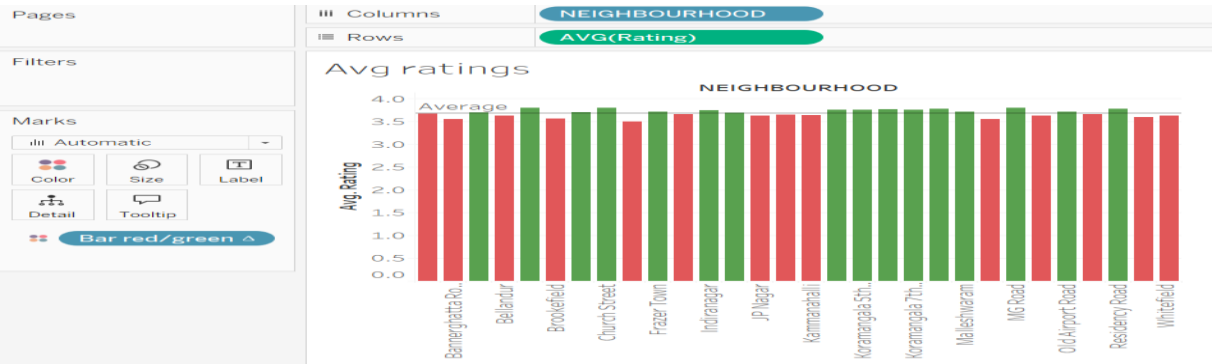
Table booking option not provided by 45268 no's Restaurants and their average ratings are 3.621, and 6449 nos Restaurants are provided table booking options which are rated 4.14

Is there a correlation between restaurants offering table bookings and their rating or popularity?

There was a significantly positive correlation in the Table booking and popularity those are provide table booking option those are higher rated restaurants

3. Restaurant Ratings:

What is the distribution of restaurant ratings across the city? Which neighborhoods have the highest-rated restaurants?



neighborhoods have the highest-rated restaurants, highest avg ratings are 3.8

4. Customer Engagement:

How does the number of votes (customer reviews) correlate with the overall rating of a restaurant? Are higher-rated restaurants receiving more reviews?

A correlation of **0.2655** is considered a **weak positive correlation**. This means that there is a slight tendency for higher review scores to correspond with higher ratings, but the relationship is not strong or consistent.

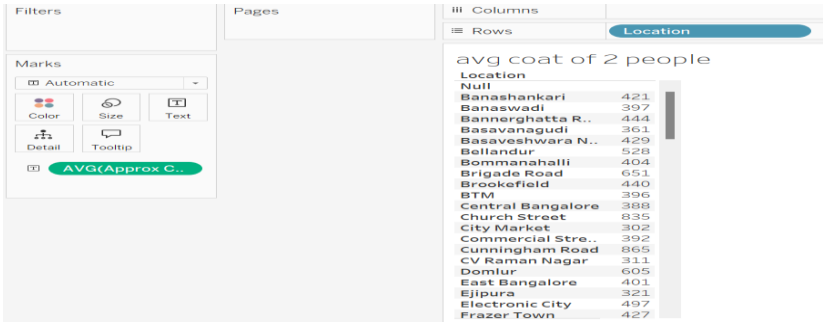
5. Cuisine Types:

What are the most popular cuisines offered by restaurants in Bengaluru, and how do they vary across different neighborhoods?

Highlighted letters in the graphs are most popular cuisines it varies when applying the filter in the neighborhoods

6. Cost Analysis:

What is the average cost for two people at restaurants in different locations,

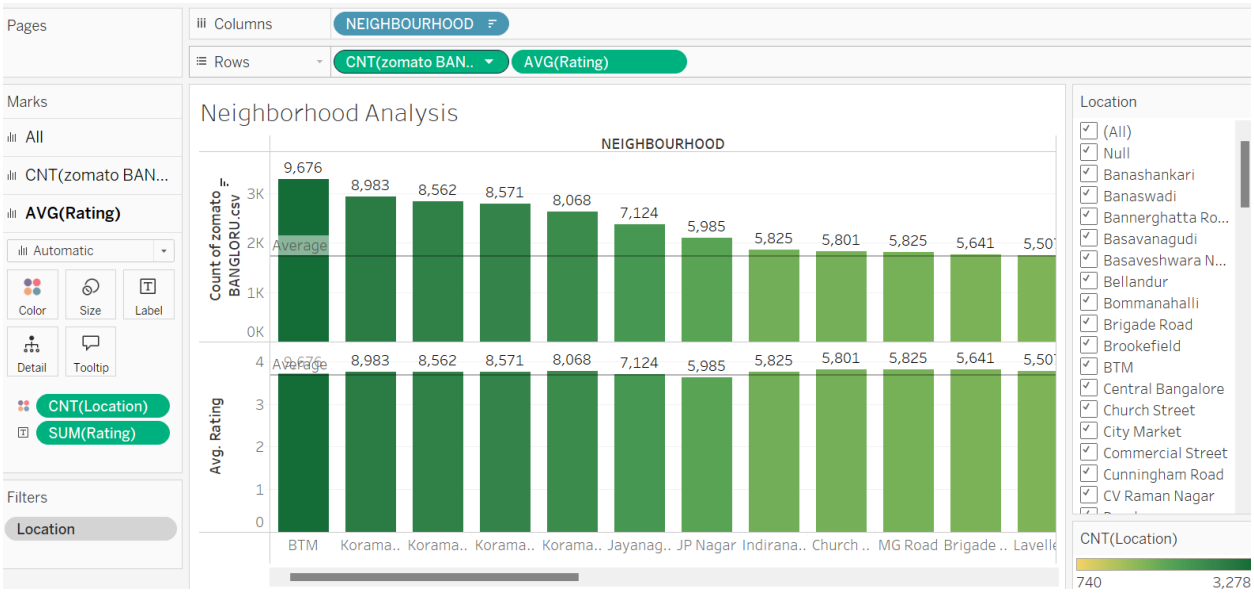


how does the cost correlate with restaurant ratings and popularity?

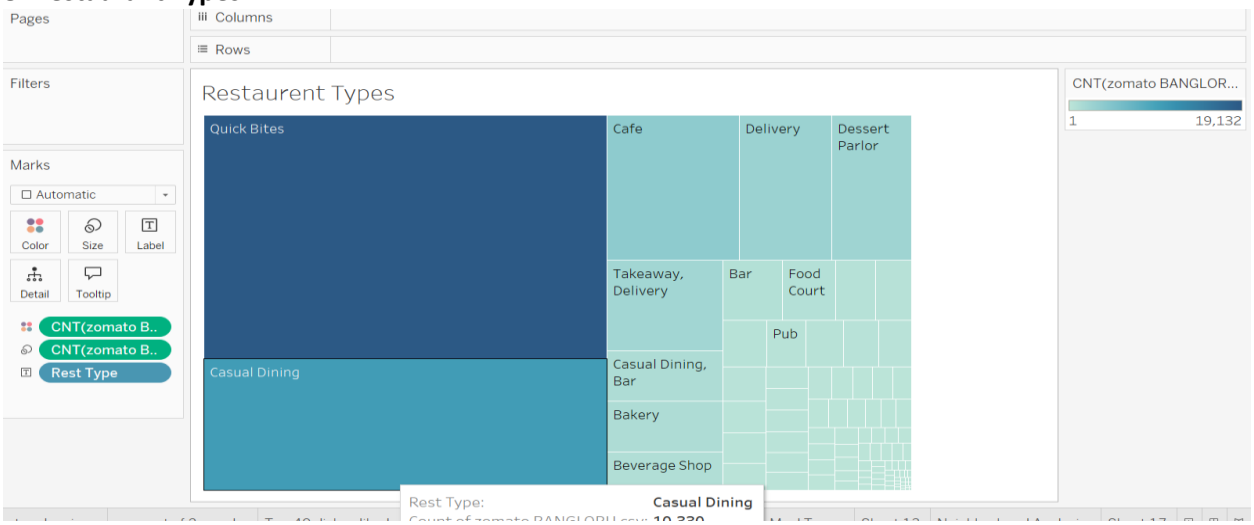
A correlation of **0.3852** is considered a **weak positive correlation**. This means that there is a slight tendency for higher review scores to correspond with higher cost, but the relationship is not strong or consistent.

7. Neighborhood Analysis:

How many restaurants are located in each neighborhood, and which areas in Bengaluru have the highest concentration of highly-rated restaurants?



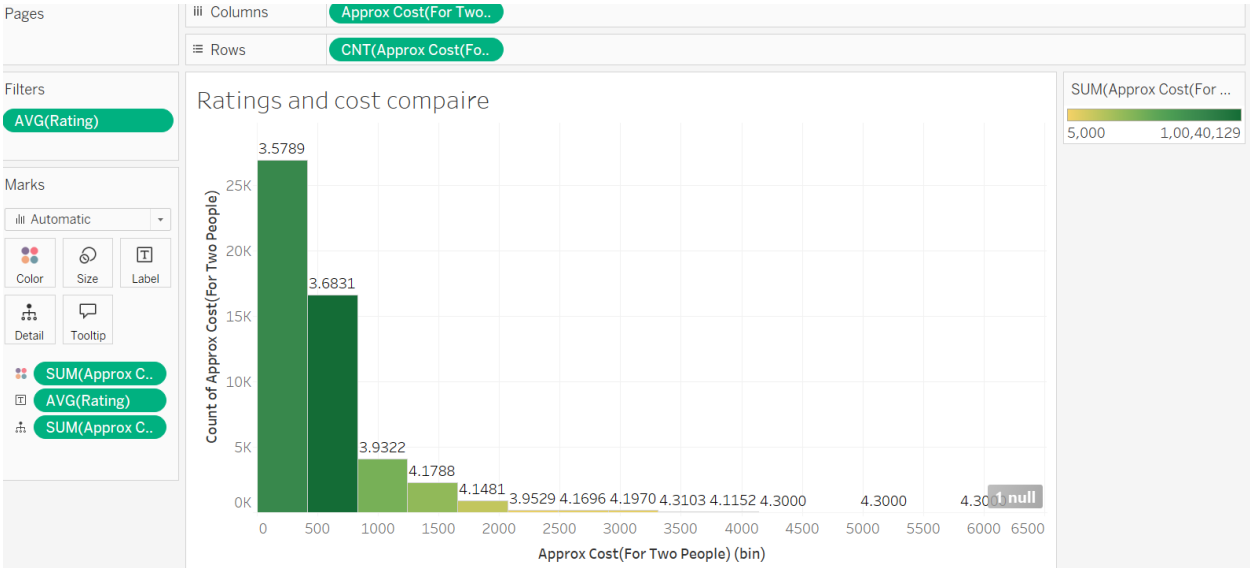
8. Restaurant Types:



What are the most common restaurant types (e.g., Quick Bites, Casual Dining)

Top 5 Restaurant as following: Quick Bites, Casual Dining, café, Takeaway delivery, casual dining bar

How do their ratings and costs compare?



Ratings:

- Typically numerical scores (e.g. 1-5 stars, 1-10 scale)
- Quick, quantitative feedback
- Easy to aggregate and analyze statistically
- Examples: ★★★★☆ (4/5 stars), 8/10

Reviews:

- Detailed written feedback/comments
- Qualitative, descriptive information
- Provides specific context and explanations
- Examples: "Great product, very durable but slightly expensive"

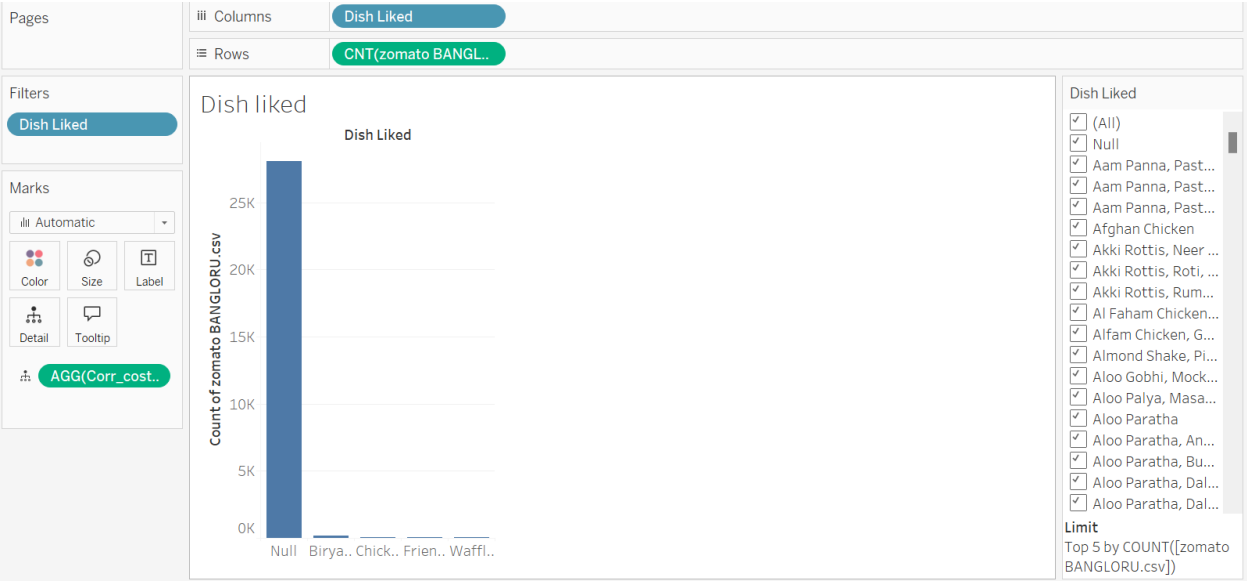
Key differences:

- Ratings are numerical/quantitative while reviews are textual/qualitative
- Ratings are standardized and easily comparable, reviews provide unique insights
- Ratings can be quickly averaged, reviews need more complex analysis
- Reviews often explain the reasoning behind a rating
- Many platforms use both together

But reliability and trust are high while too many people left reviews if review is high then facility gain positive trust

9. Dishes Liked:

Which dishes are the most frequently liked by customers in different types of restaurants? Can we find any trends between cuisine and liked dishes?



Most liked dishes are biryani.

10. Meal Types Offered:

How are restaurants listed by meal type (e.g., Buffet, Delivery, Dine-out), and what meal types are most common in highly-rated restaurants?