

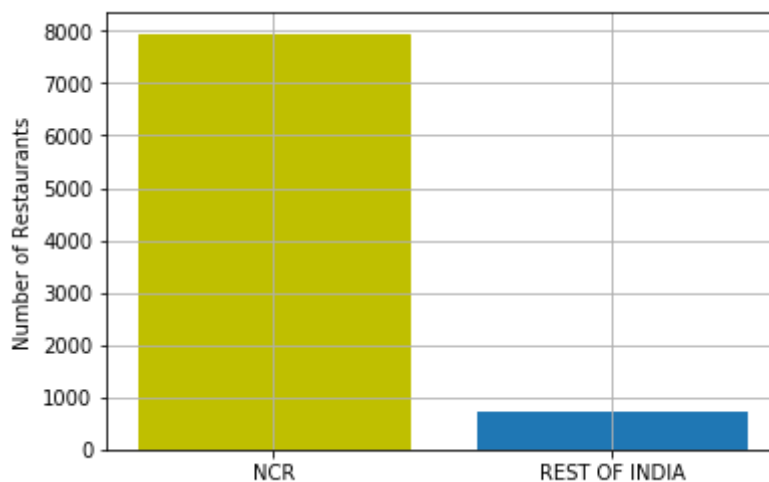
PART 1 PROBLEMS :

The dataset is highly skewed toward the cities included in Delhi-NCR. So, we will summarise all the other cities in Rest of India while those in New Delhi, Ghaziabad, Noida, Gurgaon, Faridabad to Delhi-NCR. Doing this would make our analysis turn toward Delhi-NCR v Rest of India.

1 . Plot the bar graph of number of restaurants present in Delhi NCR vs Rest of India.

Number of Restaurants present in Delhi NCR = 7947

Number of Restaurants present in Rest of India = 705



As we can see from the bar graph, the number of restaurants Present in in Delhi NCR is in large numbers compared to Rest of India.

2 . Find the cuisines which are not present in restaurants of Delhi NCR but present in rest of India. Check using Zomato API whether these cuisines are actually not served in restaurants of Delhi-NCR or just it due to incomplete dataset.

These are the four cuisines which are not present in Delhi NCR but present in rest of india According to given dataset

1. Malwani
- 2 .Cajun
3. BBQ
4. German

But when we searched these cuisines in zomato API we found that 1. Malwani and 3. BBQ are present in Delhi NCR restaurants . it was just because of an incomplete dataset.

3 .Find the top 10 cuisines served by maximum number of restaurants in Delhi NCR and rest of India.

Answer -

Top 10 cuisines served by restaurants in Delhi NCR

North Indian	3597
Chinese	2448
Fast Food	1866
Mughlai	933
Bakery	697
South Indian	569
Continental	547
Desserts	542
Street Food	538

Top 10 cuisines served by restaurants in Rest of India.

North Indian	349
Chinese	242
Continental	177
Italian	147
Cafe	136
Fast Food	97
South Indian	62
Mughlai	59
Desserts	55
Mexican	50

Explanation - For finding this we have added another column 'Region' in our dataset , the value of this column will be 'NCR' for delhi and NCR and 'ROI' for rest of india. Then we have counted all the cuisines present in both of the regions individually.

4. Write a short detailed analysis of how cuisine served is different from Delhi NCR to Rest of India. Plot the suitable graph to explain your inference

Short detailed analysis -

From our results we can see that more than 90 percent of indian restaurants serving cuisines are present in Delhi NCR only

In both the regions North Indian and chinese cuisines are served in a large amount Mexain and cafe are not so much famous in delhi NCR but are in top 10 of Rest of india cuisines

Bakery and street food cuisines are served in a good number in Delhi NCR but these are Not famous in Rest of India

Graph -

