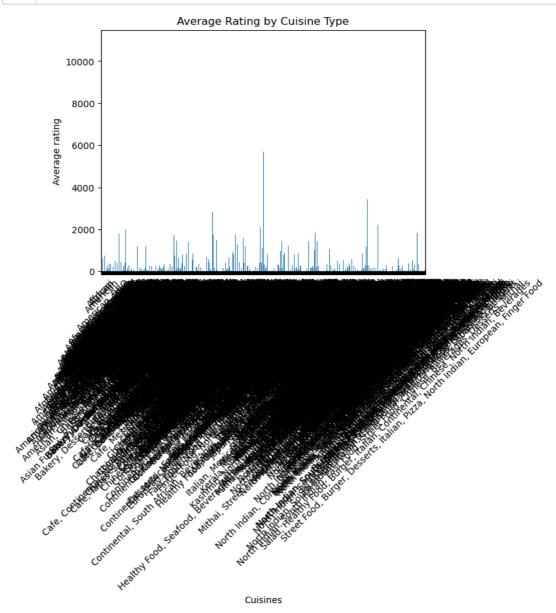
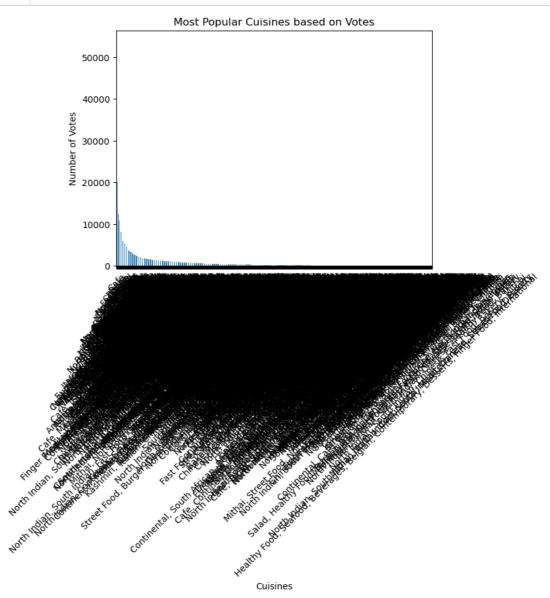
```
In [ ]: ▶
               '''LEVEL 03 -TASK 02'''
             1
             2
             3
                '''Task: Customer Preference Analysis
             4
             5
                -->Analyze the relationship between the type of
             6
                cuisine and the restaurant's rating.
             7
               I-->dentify the most popular cuisines among
                customers based on the number of votes.
             9
            10
                -->Determine if there are any specific cuisines
            11
            12 | that tend to receive higher ratings.'''
In [1]: ▶
                import pandas as pd
             1
             2
                import matplotlib.pyplot as plt
             4 data = pd.read_csv('Dataset.csv')
In [2]:
             1 # Analyzing the relationship between the type of cuisine and the re
                average_rating_by_cuisine = data.groupby('Cuisines')['Votes'].mean(
```





C:\Users\kaila\AppData\Local\Temp\ipykernel_9176\2992708569.py:2: Futu reWarning: Indexing with multiple keys (implicitly converted to a tupl e of keys) will be deprecated, use a list instead.

correlation_cuisine_rating_votes = data.groupby('Cuisines')['Rating
text', 'Votes'].corr().iloc[0::2, -1]

In [[8]:	H	1	<pre>print("Cuisines that tend to receive higher ratings: {', '.join(higher ratings) that tend to receive higher ratings that the receive higher rating that the receive higher rating the receive higher rating that the receive higher rating the receive higher rating that the receive higher rating the receive higher rating that the receive higher rating th</pre>
				sines that tend to receive higher ratings: {', '.join(higher_rated_sines)}
In []:	M	1	
In []:	H	1	
In []:	H	1	
In []:	H	1	
In []:	H	1	