```
import pandas as pd
import matplotlib.pyplot as plt

# Step 1: Load the Zomato restaurant dataset
data = pd.read_csv('zomato_restaurants.csv')

# Step 2: Exploratory Data Analysis (EDA)

# Display the first few rows of the dataset
print(data.head())

# Check the dimensions of the dataset (rows, columns)
print(data.shape)

# Summary statistics of the dataset
print(data.describe())

# Step 3: Data Visualization

# Bar plot of restaurant counts by city
plt.figure(figsize=(12, 6))
city_counts = data['City'].value_counts().sort_values(ascending=False)
city_counts.plot(kind='bar')
plt.xlabel('City')
plt.ylabel('Restaurant Count')
plt.title('Restaurant Counts by City')
plt.show()

# Pie chart of restaurant types
plt.figure(figsize=(8, 8))
type_counts = data['Restaurant_Type'].value_counts().sort_values(ascending=False)
```

```
type_counts.plot(kind='pie', autopct='%1.1f%%')
plt.ylabel('')
plt.title('Restaurant Types')
plt.show()

# Scatter plot of ratings vs. average cost for two people
plt.figure(figsize=(8, 6))
plt.scatter(data['Aggregate_Rating'], data['Average_Cost_for_two'])
plt.xlabel('Aggregate Rating')
plt.ylabel('Average Cost for Two')
plt.title('Ratings vs. Average Cost for Two')
plt.show()

# Step 4: Perform further analysis based on your research questions, such as comparing ratings across different cuisines or analyzing customer reviews.

# ... (Continue with your specific analysis steps)

# Step 5: Conclusion
# Summarize your findings and insights.
```