TASK SHEET - ZOMATO

1. What is the distribution of restaurants across different countries in the dataset?
2. Which city has the highest number of restaurants listed in the dataset?
3. What are the top cuisines offered by the restaurants? Are there any regional preferences?
4. How does the average cost for two vary across different countries and cities?
5. Is there a correlation between the average cost for two and the aggregate rating of restaurants?
6. What proportion of restaurants have table booking and online delivery options?
7. How does the availability of table booking and online delivery vary across different countries and cities?
8. What is the distribution of aggregate ratings among the restaurants?
9. How does the distribution of aggregate ratings differ for restaurants offering table booking versus those that don't?
10. Are there any trends in the availability of online delivery over time?
11. Can we identify any seasonal variations in the number of restaurants delivering now?
12. What is the relationship between the price range and the average cost for two?
13. How does the average cost for two vary for different cuisines?
14. Can we identify any outliers in terms of high or low average costs for two within specific cuisines or cities?
15. What factors contribute most to the aggregate rating of restaurants? Can we identify any significant correlations?

For data visualization:

1. Visualize the distribution of restaurants across different countries using a bar chart or a map.
2. Create a bar chart to show the top 10 cities with the highest number of restaurants.
3. Use a pie chart to visualize the proportion of different cuisines offered by the restaurants.
4. Plot a scatter plot to explore the relationship between the average cost for two and the aggregate rating.
5. Create a stacked bar chart to compare the availability of table booking and online delivery across different countries.
6. Plot a histogram to show the distribution of aggregate ratings.
7. Use a line chart to visualize the trend in the availability of online delivery over time.
8. Create a box plot to identify any outliers in the average cost for two within different cuisines.
9. Use a heatmap to explore the correlation matrix between different variables.
10. Visualize the average cost for two across different cities using a bar chart or a box plot.