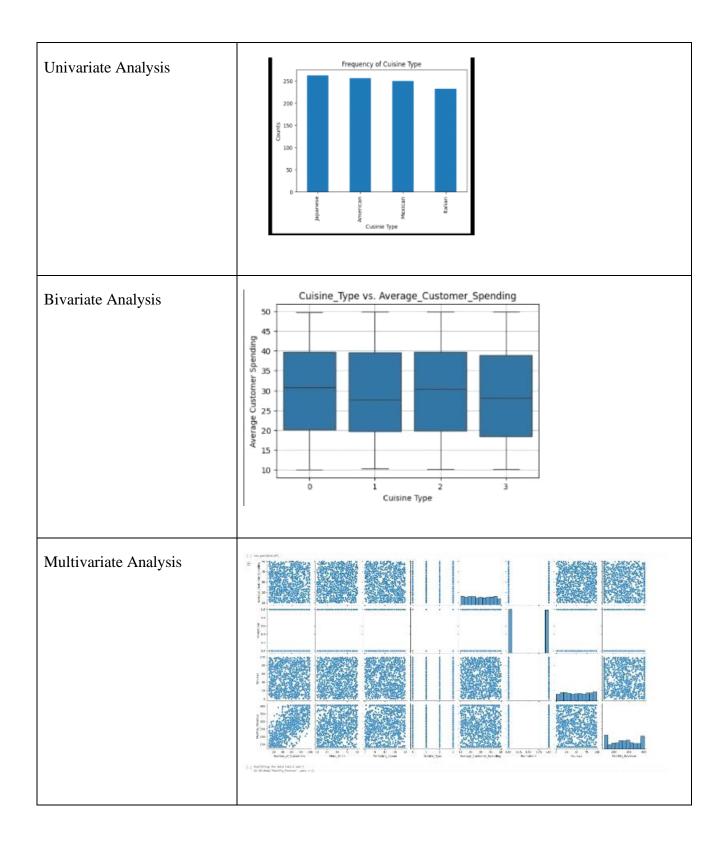
Data Collection and Preprocessing Phase

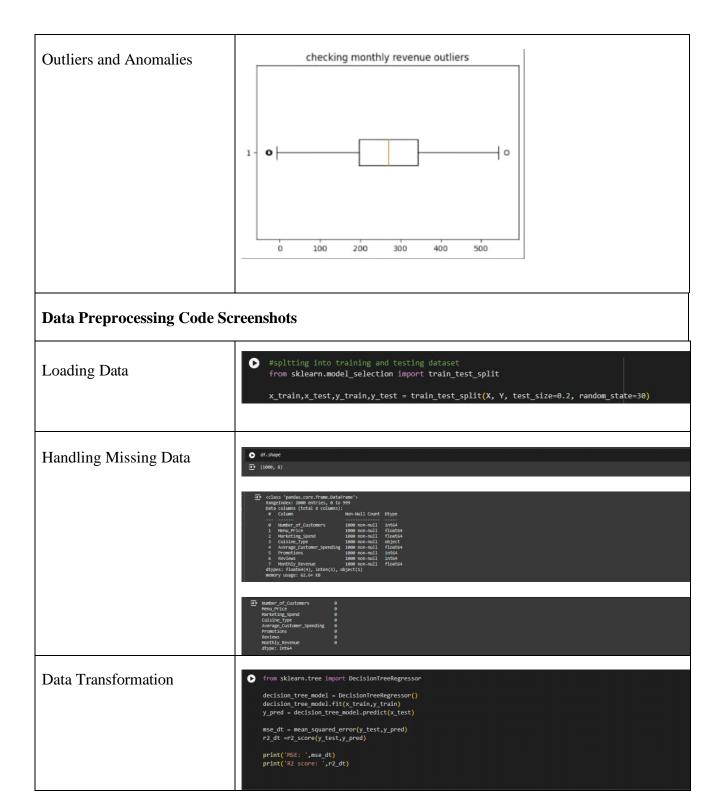
Date	15 July 2024
Team ID	739979
Project Title	Forecasting Feasts: A Culinary journey into Restaurant Revenue Prediction
Maximum Marks	6 Marks

Data Exploration and Preprocessing Template

Data exploration and preprocessing involve a series of steps to understand the data and prepare it for analysis. This typically starts with loading the data and examining its structure, such as the number of rows and columns, data types, and summary statistics. Next, data cleaning is performed to handle missing values, remove duplicates, and correct errors. Feature engineering may be conducted to create new variables or transform existing ones. Finally, data is scaled or normalized if necessary, and categorical variables are encoded. Throughout this process, data visualization is often used to identify patterns and outliers.

Section	Descr	Description									
Data Overview	1000	Dimension: 1000 rows x 7 columns Descrptive statistics:									
	Desci	Descriptive statistics.									
	₹	Number_of_Customers	Menu_Price	Marketing_Spend	Cuisine_Type	Average_Customer_Spending	Promotions	Reviews			
			43.117635	12.663793		36.236133					
				4.577892		17.952562					
			41.981485	4.652911		22.600420					
			43.005307	4.416053		18.984098		59			
			17.456199	3.475052		12.766143					
		995 73	41.307842	12.122931		19.033585					
		996 31	20.615496	5.822885		17.040990					
		997 69	17.110656	4.141898		44.649315					
		998 73	37.664722	3.046556		27.767358					
		999 81	34.722067	17.989104		15.482112					
	1	1000 rows × 7 columns									





Feature Engineering