



Data Collection and Preprocessing Phase

Date	25 June 2024
Team ID	SWTID1720434734
Project Title	Ecommerce Shipping Prediction
Maximum Marks	6 Marks

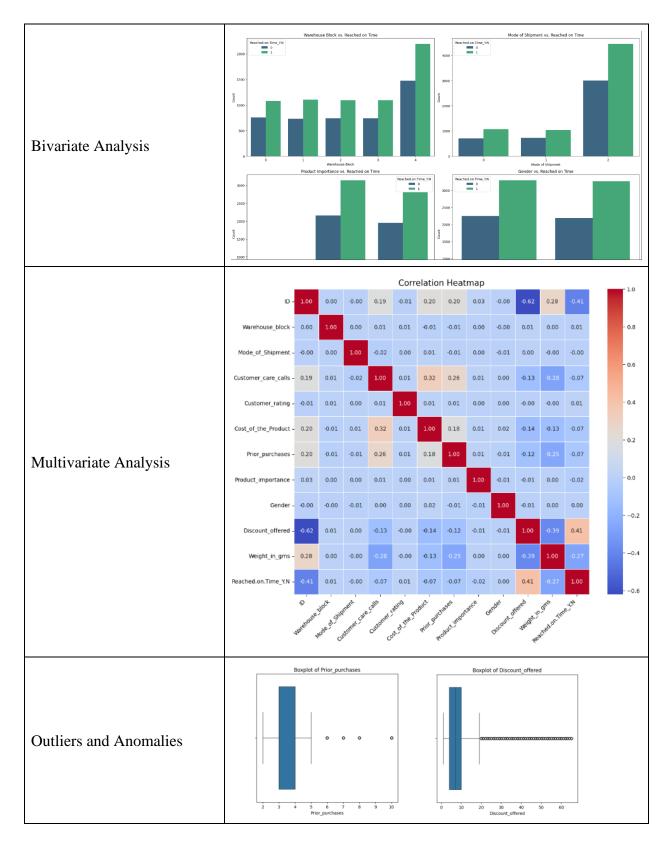
Data Exploration and Preprocessing Template

Identifies data sources, assesses quality issues like missing values and duplicates, and implements resolution plans to ensure accurate and reliable analysis.

Section	Description
Data Overview	## 1099-0000 1999-0000
Univariate Analysis	Distribution of Warehouse block Distribution of Mode of Shipment Distribution of Customer care calls Distribution of Customer care care care care care care care ca











Data Preprocessing Code Screenshots

Loading Data	data = pd.read_cvc("/content/Trale_cvc") data = pd.read_cvc("/content/Trale_cvc") data = pd.read_cvc("/content/Trale_cvc") 1D
Handling Missing Data	# Check for missing values print(data.isnull().sum()) ID
Data Transformation	<pre>[] categorical_cols = data.select_dtypes(include=['object']).columns print("categorical_columns:", categorical_cols) 3 Categorical columns: Index(['Warehouse_block', 'Mode_of_Shipment', 'Product_importance', 'Gender'], dtype='object') [] label_encoder = LabelEncoder() # Apply LabelEncoder to each categorical column for col in categorical_cols:</pre>
Feature Engineering	Attached the codes in final submission.
Save Processed Data	-