



Data Collection and Preprocessing Phase

Date	15 July 2024
Team ID	740057
Project Title	Airline Review Classification
Maximum Marks	6 Marks

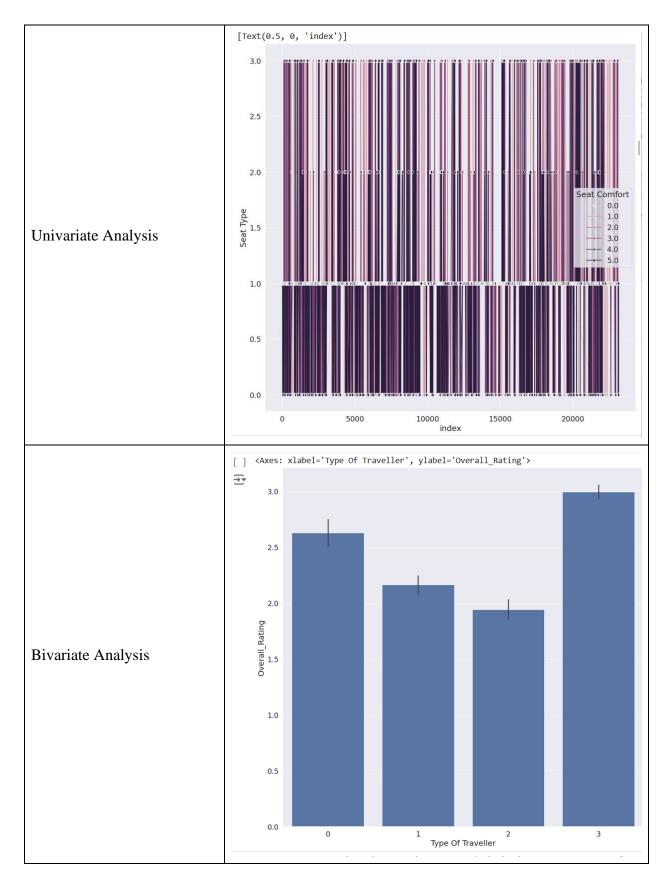
Data Exploration and Preprocessing Template

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

Section	Description	Description	
	Data columns (total 20 c	Non-Null Count Dtype	
Data Overview	15 Ground Service 16 Inflight Entertainm 17 Wifi & Connectivity 18 Value For Money 19 Recommended	22075 non-null object 19343 non-null object 19417 non-null object 19016 non-null float64 18911 non-null float64 14500 non-null float64 18378 non-null float64 nent 10829 non-null float64	

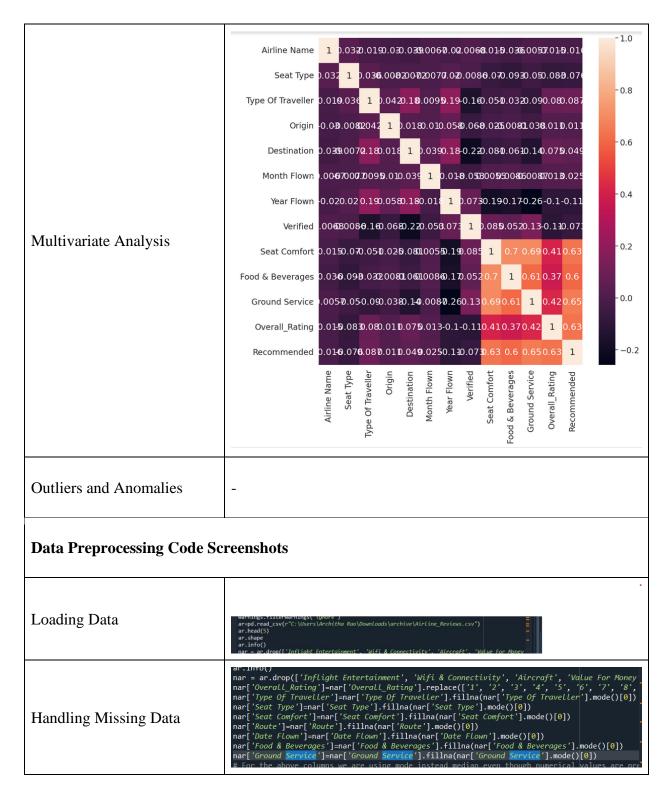
















Data Transformation	# Because the cloum; see are using mode instead median even though numerical values are pre- # Because the cloum; consists of categories (0 to 5). So its considered as categorial data nar[['Month Flown', 'Year Flown']]=nar[Pote Flown'].str.split(expand=True) nar['Destination']=nar.Route.str.split('to',expand=True)[1] nar['Destination']=nar.Route.str.split('to',expand=True)[1]
Feature Engineering	Attached code in final submission.
Save Processed Data	-