

Data Collection and Preprocessing Phase

Date	27 June 2024
Team ID	team-739896
Project Title	Identifying Airline Passenger Satisfaction Using Machine Learning
Maximum Marks	2 Marks

Data Collection Plan & Raw Data Sources Identification Template

Creating a data collection plan involves several key steps to ensure that the data gathered is reliable, relevant, and suitable for analysis.

Data Collection Plan Template

Section	Description
Project Overview	The objective of this machine learning project is to predict and understand factors influencing airline passenger satisfaction. By leveraging historical data and applying machine learning algorithms, the aim is to develop a predictive model which will be useful to airlines. They can enhance their service offerings, improve customer retention, and ultimately drive business success through improved customer satisfaction metrics.
Data Collection Plan	<ul style="list-style-type: none"> Collect dataset which is related Airline Passenger Satisfaction. Collect the information regarding airlines which will be helpful for model development.
Raw Data Sources Identified	Raw data i.e., Dataset for Airline Passenger Satisfaction is collected from Kaggle which consist of Gender ,Type of Travel, Cleanliness,..

Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
Kaggle Dataset	This dataset consist of information regarding different passengers and how they felt about airline services .	https://www.kaggle.com/datasets/tejmahal20/airline-passenger-satisfaction	CSV	3MB	Public