

Data Collection and Preprocessing Phase

Date	15 March 2024
Team ID	739674
Project Title	Smart Lender-Flight delay prediction
Maximum Marks	2 Marks

Data Collection Plan & Raw Data Sources Identification Report:

Data is collected from the Samrt Interz modules

Data Collection Plan:

Section	Description
Project Overview	Flight delay prediction leverages advanced machine learning techniques to forecast delays in airline schedules, enhancing operational efficiency and passenger satisfaction. By analyzing vast amounts of data from various sources, including weather conditions, air traffic control information, historical flight data, and real-time operational metrics, these models identify patterns and factors contributing to delays. Accurate predictions enable airlines to proactively manage resources, optimize flight schedules, and communicate potential delays to passengers in advance. This not only minimizes financial losses and operational disruptions but also improves the overall travel experience by reducing the uncertainty and inconvenience associated with flight delays
Data Collection Plan	Data is collected from the Samrt Interz modules

Smart Interz	The dataset comprises applicant details YEAR, QUARTER, MONTH ,DAY_OF_MONTH,inco me, DAY_OF_WEEK,		CSV		Public
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