

### Data Collection and Preprocessing Phase

Date	10 July 2024
Team ID	740092
Project Title	Credit card approval prediction using ML
Maximum Marks	2 Marks

#### Data Collection Plan & Raw Data Sources Identification Report:

Elevate your data strategy with the Data Collection plan and the Raw Data Sources report, ensuring meticulous data curation and integrity for informed decision-making in every analysis and decision-making endeavor.

#### Data Collection Plan:

Section	Description
Project Overview	The machine learning project aims to predict credit card approval based on applicant information. Using a dataset with features such as gender, children, income, and credit history, the objective is to build a model that accurately classifies credit status (approved or denied), facilitating efficient and informed decision-making in the approval process.
Data Collection Plan	<ul style="list-style-type: none"> <li>Search for datasets related to credit card approvals, financial information, and applicant details.</li> <li>Prioritize datasets with diverse demographic information.</li> </ul>

Raw Data Sources	
Identified	The raw data sources for this project include datasets obtained from Kaggle & UCI, the popular platforms for data science competitions and repositories. The provided sample data represents a subset of the collected information, encompassing variables such as gender,

	children, income, and credit card related details for machine learning analysis.
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### Raw Data Sources Report:

Source Name	Description	Location/URL	Format	Size	Access Permissions
Kaggle Dataset	The dataset comprises applicant details (gender, children), financial metrics (income, income type), and credit card approval outcomes.	<a href="https://www.kaggle.com/namphuengauawatcharo/creditcard-approval-prediction/data">https://www.kaggle.com/namphuengauawatcharo/creditcard-approval-prediction/data</a>	CSV	15 kB	Public

UCI	This data concerns credit card applications; a good mix of attributes	<a href="https://archive.ics.uci.edu/dataset/27/credit+approval">https://archive.ics.uci.edu/dataset/27/credit+approval</a>	CSV	13.6 kB	Public
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