Data Collection and Preprocessing Phase

Date	04 July 2024
Team ID	739898
Project Title	Anticipating Business Bankruptcy
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	Anticipating business bankruptcy is a multifaceted process crucial for stakeholders to assess and manage financial risks effectively. It involves analyzing key financial ratios such as liquidity profitability, and solvency indicators to gauge a company's financial health. Qualitative factors such as management quality, market dynamics, and economic conditions also play pivotal roles in predicting potential distress. Integrating predictive models and early warning systems further enhances the ability to detect early signs of financial instability. By combining quantitative analysis with qualitative insights, businesses can proactively adjust strategies, manage risks, and potentially avert bankruptcy by addressing underlying issues before they escalate.In this overview, Anticipating business bankruptcy involves assessing financial health using ratios and indicators, considering qualitative factors like management and market conditions, employing predictive models, establishing early warning systems, practicing strategic risk management, and ensuring regulatory compliance. These measures collectively enable stakeholders to foresee and mitigate financial distress before it escalates into insolvency.

Data Collection Plan	● Search for datasets related to predicting business bankruptcy ● Prioritize datasets with diverse demographic information.
Raw Data Sources Identified	The raw data sources for this project include datasets obtained from Kaggle, the popular platforms for data science competitions and repositories. The provided sample data represents a subset of the collected information

Raw Data Sources Report:

Source Name	Description	Location/URL	Format	Size	Access Permissions
Kaggle Dataset	The dataset comprises applicant details (gender, marital status), financial metrics (income, loan amount), and loan approval outcomes.	https:// www.kaggle.com /datasets/ bhadaneeraj/ bankruptcy-detection	CSV	1kB	Public