Model Development Phase Template

Date	05 July 2024
Team ID	739985
Project Title	Anticipating Business Bankruptcy
Maximum Marks	5 Marks

Feature Selection Report Template

In the forthcoming update, each feature will be accompanied by a brief description. Users will indicate whether it's selected or not, providing reasoning for their decision. This process will streamline decision-making and enhance transparency in feature selection.

Feature	Description	Selected (Yes/No)	Reasoning
Attr2	total liabilities / total assets	Yes	It is a financial metric that indicates the proportion of a company's assets that are financed by its liabilities it is also called as debt ratio
Attr51	short-term liabilities / total assets	Yes	This ratio is useful for understanding the short-term financial obligations relative to the company's total asset base.
Attr52	Number of dependents	Yes	It describes about how many factors are dependent on business
Attr34	operating expenses / total liabilities	Yes	The ratio of operating expenses to total liabilities is a financial metric that helps to assess a company's ability to manage its expenses in relation to its total

			liabilities.
Attr55	working capital	Yes	Working capital is a measure of a company's short-term financial health and operational efficiency.
Attr29	logarithm of total assets	Yes	The logarithm can help in transforming skewed data into a more normal distribution, which is useful for statistical analysis.
Attr6	Retained earnings / total assets	Yes	This ratio can provide insights into a company's financial stability and its ability to reinvest earnings into the business
Attr57	(current assets - inventory - short-term liabilities) / (sales - gross profit - depreciation)	Yes	It provides information about custom financial metric.
Attr3	working capital / total assets	Yes	the ratio of working capital to total assets is a financial metric that provides insights into how much of a company's total assets are funded by its working capital.