Model Development Phase Template

Date	24 April 2024
Team ID	739877
Project Title	Crystal Ball Analysis: Projecting Share Prices Of The Leading Gpu Titans
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
Company Revenue	Total revenue generated by the GPU company	Yes	Revenue is a fundamental indicator of financial health and growth potential of the company.
Research & Development	Investment in R&D activities related to GPU technologies	Yes	Indicates innovation capability and future product competitiveness.

Market share	Percentage of the GPU market captured by the company	yes	Reflects company's position and competitive strength in the market.
Economic Indicators	GDP, inflation rate, interest rates affecting market conditions	No	While important, these are external factors and not company-specific.
GPU Product Range	Variety and quality of GPU products offered by the company	Yes	Diversification in product range can mitigate risks and increase market presence
CEO Leadership	CEO's influence, strategic decisions impacting company performance	No	Subjective and not easily quantifiable; focus remains on quantifiable financial metrics.
Brand Reputation	Perception of brand quality and trustworthiness among consumers and businesses	No	Important but less quantifiable and directly impacts stock price prediction.
Stock Price History	Historical data of company's stock prices over time	Yes	Helps in identifying trends and patterns, critical for predictive modeling.
Technological Advancements	New technologies or advancements in GPU architecture	Yes	Indicates potential future market advantage and growth prospects.