

## Model Development Phase Template

Date	18 June 2025
Team ID	SWTID1749880888
Project Title	Prosperity Prognosticator: Machine Learning for Startup Success Prediction
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
funding_rounds	Number of funding rounds the startup has completed.	Yes	Indicates investor interest and financial runway.
milestones	Count of significant achievements of the company	Yes	Reflects progress and traction, which often correlate with long-term success.
relationships	Number of key people like founders and executives associated with the startup.	Yes	Strong networks and experienced teams can improve strategic direction and investor confidence.

is_top500	Boolean indicating if the startup is among the top 500 based on Crunchbase ranking.	Yes	Serves as a proxy for brand reputation, market recognition, or prior performance.
funding_duration	measures the time from founding to last funding round	No	long or short durations don't consistently indicate success
funding_total_usd	Total funding amount received in USD	Yes	Capital availability is a strong predictor of operational capacity and market reach.
has_roundB	Boolean indicating whether the startup secured Series B funding	Yes	Reaching Series B suggests validation from investors and a promising growth stage
avg_participants	Average number of investors per funding round	Yes	May indicate investor confidence and diversity of support, reducing financial risk