**Predictive Model Plan – Student Template**

Use this template to structure your submission. You can copy and paste content from GenAI tools and build around it with your own analysis.

# 1. Model Logic (Generated with GenAI)

Use a GenAI tool (e.g., ChatGPT, Gemini) to generate the logic or structure of your predictive model.  
- You may include pseudo-code, a step-by-step process, or a simplified code snippet.  
- Briefly explain what the model is designed to do.

Paste your GenAI-generated output below or describe the logic in your own words:

[Insert GenAI model logic here]

# 2. Justification for Model Choice

Explain why you selected this specific model type (e.g., logistic regression, decision tree, neural network). Consider:  
- Accuracy  
- Transparency  
- Ease of use or implementation  
- Relevance for financial prediction  
- Suitability for Geldium’s business needs

[Insert your justification here]

# 3. Evaluation Strategy

Outline how you would evaluate your model’s performance. Include:  
- Which metrics you would use (e.g., accuracy, precision, recall, F1 score, AUC)  
- How you would interpret those metrics  
- Any plans to detect or reduce bias in your model  
- Ethical considerations in making predictions about customer financial behavior

[Insert your evaluation plan here]