Evaluation criteria

The main operational expense for the bank is marginal cost incurred in processing each application. Processing one application increases expense by $5 / $10. For each application, the bank has the prediction result – default / non-default – as predicted by you. With a fixed budget of $ 50,000, you can maximize the bank's profit by processing applications where the applicant will not default.

Your leader board submission will be evaluated as:
1. You start with a budget of $ 50,000.
2. Each application processed will reduce the remaining budget by $5 / $10 as explained below.
3. Evaluation will be done in the order of your submission file.
4. Evaluation will stop once the budget runs out.
5. For every application processed the scoring logic is:

Scoring Logic		Predicted	
		Default	**No default**
Actual	**Default**	Cost = $10 Points = 100	Cost = $10 Points = -50
	No default	Cost = $10 Points = 0	Cost = $5 Points = 100

Few points to note:
1. As the budget is $50,000, you can theoretically process a maximum of 10,000 applications.
2. The order of the application_key is critical as that is the order in which the evaluation will occur.
3. The submission will be scored in the order of list provided by you and will stop at the point where you will be left with no budget and the score at that point will be the leaderboard score for that submission.

Your final game score will depend on the following parameters:
1. 20% weight for your position on Leaderboard at the time of closing the game
2. 50% weight for score achieved on Final Dataset
3. 30% weight for the approach to problem solving, technique(s) chosen, attribute selection and the associated reasons for the same

A panel of senior American Express Leaders will be judging the competition. Their decision on all matters will be final and binding.

Any questions regarding the evaluation format/submission guidelines must be sent to the American Express Campus Analyze This Team at **amexindiacampus@aexp.com**, mentioning "Analyze This Submissions: Query" in the subject line. We will be happy to reply to all your queries/questions.