

**Task & Expectations:**

Attached is a training dataset and corresponding label file for a classification problem.

Your task is to propose a solution approach, documenting the steps, ideas, observations, data analysis, and feature engineering (if any). There's no need to code the solution, but feel free to provide as much detail as you'd like.

Please include the success criteria and performance metrics you would use for model evaluation, along with the reasoning behind your choices. All decisions should be supported by data observations or sound reasoning.

We will assess the quality of your response based on the submitted document (Word or PowerPoint). Feel free to share other support documents like notebooks, excels etc. which can give us more confidence around the work done.