Problem Statement

Welcome to our two-part challenge, where you'll dive into the realms of Classic Machine Learning and Large Language Models (LLMs). This competition is designed to test your skills and creativity, with equal weightage given to both modules. Let's break it down:

Module 1: Classic ML Challenge (50% of total marks)

- **Platform:** Kaggle
- **Objective:** Predict the Emotional Fluctuations of individuals using various attributes.
- **Dataset:** Available on Kaggle (Kaggle Competition)
- **Scoring:**
    - **50%** - Based on your model's accuracy. Compete on Kaggle's live leaderboard to see where you stand!
    - **50%** - Based on your Exploratory Data Analysis (EDA) and the implementation of various algorithms. Judges will evaluate the depth and insight of your analysis.

Module 2: LLM-Based Challenge (50% of total marks)

- **Objective:** Create a chatbot using the provided documents on Mental Health.
- **Documents:** Available for download (🗀 Mental Health Docs)
- **Scoring:** Judged on creativity, functionality, and how well your chatbot can interact and provide valuable information based on the given documents.

Evaluation Criteria:

- **Classic ML Module:**
    - **Accuracy:** Compete for the highest accuracy score on Kaggle's leaderboard.
    - **EDA and Algorithms:** Judges will look for thorough data exploration and the use of diverse machine learning algorithms to derive insights.
- **LLM-Based Module:**
    - **Creativity and Implementation:** Your chatbot will be evaluated on its ability to understand and interact based on the provided documents, with an emphasis on creativity and usefulness.

Key Points:

- **Live Competition:** Track your progress and see how you rank in real-time on Kaggle.
- **Judged Evaluation:** Impress the judges with your in-depth analysis and innovative solutions.

Get ready to showcase your skills and push the boundaries of what's possible in the fields of machine learning and language models. Good luck, and may the best solution win!