PROJECT PROGRESS MONITORING REPORT –3

Project Title: Persona-Predict-Via-CV-Analysis

Type of Model: Iterative Waterfall Model.

Project Objectives:

- Develop a machine learning model that can reliably predict personality traits such as the Big Five (Openness, Conscientiousness, Extraversion, Agreeableness, Neuroticism) based on various data inputs.
- Design a scalable system that can handle large datasets and provide predictions in real-time, ensuring the system is efficient and can be applied in different environments.
- Ensure that the system respects user privacy and is built with transparency, addressing potential biases and ensuring fairness in predictions.

Work Completed:

- Data collection and Data preprocessing has been done.
- Completed Home Page, Resume Upload Page, and Results Display Page for seamless user interaction.
- Backend Integration
- System Testing

Work in Progress:

- **Final Model Evaluation:** Running accuracy, precision, recall, and F1-score analysis on a larger dataset.

Percentage of Work Done: About 84% work is completed.

Difficulties: Performance Optimization: Improving response time without compromising accuracy.

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