INFORMATICS INSTITUTE OF TECHNOLOGY

In Collaboration with

UNIVERSITY OF WESTMINSTER

Applicant Personality Prediction Using Resume

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ABSTRACT

This research paper investigates the application of ensemble methods, specifically VotingClassifier, in predicting personality traits from CV data. The study explores the combination of Random Forest and XGBoost models within the ensemble framework. The objective is to improve the accuracy and robustness of personality predictions by leveraging the diverse strengths of multiple models. The experimental results demonstrate the effectiveness of the ensemble approach, yielding higher prediction accuracy and better performance compared to individual models. The findings highlight the potential of ensemble techniques in enhancing the accuracy and reliability of personality prediction models for CV analysis.

Keywords: Personality Prediction, CV Analysis, Machine Learning, Ensemble Models,Natural Language Processing, MBTI Personality Model, Psychometric Analysis, Hiring, and Selection.