



G. Narayanamma Institute of Technology & Science (For Women) (Autonomous)

Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad
Accredited by NBA & NAAC, an ISO 9001:2015 Certified Institution
Shaikpet, Hyderabad-500104

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

GN-R-18 (2022 - 2023) II B. Tech II Sem Hobby Project

on

“Personality Prediction System via CV Analysis”

Abstract

Organizations recruit expert candidates for their development. But the main concern for them is selecting the right candidate. When there is a requirement in the company, they receive thousands of applications and it is very difficult for the people of the company to go through a lot of CV's and find the suitable candidate for the requirement using traditional techniques like technical tests, interviews, and group discussions.

One way to adjudicate an individual's personality is to frame a questionnaire or by analysis of their CV. The system's primary aim is to analyze the professional ability of the candidate based on the uploaded CV.

The system built in this project predicts personality of peoples by using their gender, age, score of openness, conscientiousness, extroversion, agreeableness, neuroticism, experience and analyzes candidate's CV in terms of language use, word choice, and other linguistic features to infer their personality traits. This system will help the to select the right candidate for the desired job profile, which in turn provide the expert for the organization

*Dept R&D: No

* If No: GNITS

H/W Requirements:

Platform: Windows 10 Processor: INTEL COORE I5

S/W Requirements:

Languages Used: Python, HTML



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