

Proposal

In today's highly competitive job market, organizations are consistently striving to optimize their recruitment processes to discern the most qualified candidates for diverse employment opportunities. Conversely, job seekers are engaged in augmenting their skill sets, recognizing the pivotal role this plays in securing employment. Understanding the factors that boost employability and having an intricate idea of the know-how benefits both parties.

The challenge lies in the diverse factors affecting the job market like age, education attainment, technical proficiencies, among others.

To address this challenge, this research proposal focuses on utilizing a comprehensive job applicant dataset titled "Employability Classification of Over 70,000 Job Applicants" sourced from Stack Overflow and available on Kaggle. This dataset with about 73,000 records offers a valuable resource for understanding the dynamics of employability, professional development, and the potential impact of age and associated attributes on employability.

SMART Questions:

1. Is there a significant difference between employed males and non-males in their respective education levels?
2. Does education level significantly impact employment in the technical field?
3. Is age a significant factor in determining whether an individual is a professional developer or not?
4. Does mental health influence previous salary?

Dataset Link:

<https://www.kaggle.com/datasets/ayushtankha/70k-job-applicants-data-human-resource/data>

Github:

<https://github.com/NemaPuthanveetil/DATS6101-Team-Global-Project>