

TY DS
Major Project (Stage-I)
Abstract

Title: Expert Relevance in Interview Board

This project aims to improve the selection of experts in interview boards by assessing their relevance to both the subject of the interview and the candidate's area of expertise. The approach integrates advanced methodologies, including data-driven analysis and machine learning, to evaluate the alignment between interview board members' knowledge and the interview topics. Key factors such as academic background, research contributions, and professional experience are analyzed to ensure an optimal selection of experts. The backend is developed using Python to implement intelligent models that assess expert suitability. A structured database using MongoDB is employed to store and manage expert profiles, subject requirements, and candidate specializations efficiently. The system aims to enhance fairness, reduce biases, and ensure an insightful assessment process. By leveraging modern technologies, this framework enhances the credibility and effectiveness of interview evaluations.

• **Team Members:**

1. Harshal Chudaman Mahale (TY DS-10)
2. Harshal Ravindra Kothavade (TY DS-13)
3. Uday Manik Patil (TY DS-19)
4. Kuldip Bhagwan Mali (TY DS-25)
5. Nikhil Kailas Patil (Ty DS - 32)