

PROJECT DETAILS

Project Title:

Generative AI driven Knowledge Reasoner for Simulating Job-Skill Assessment

Project Summary:

The aim of this project is to address the increasing demand for dynamic reskilling assessment of job applicants in the rapid evolution of workforce market. The significance is to innovate a new framework of a Generative AI-driven Knowledge Reasoner (GKR) to simulate human-like assessment of job-skill compatibility by leveraging structured knowledge and generative models. The impact of this project is to help educators aligning training programs with emerging job skill demanded by workforce expectations, students enabling adaptive course recommendation for their goals, prior knowledge and job market trends, and lifelong learners facilitating modular, micro-credential-based learning tailored to career transitions.

Preferred Applicant Skillset:

The preferred applicant should have completed at least one of the relevant courses in Business analytics, data science, computer science or IT; basic knowledge and programming skill to deep learning models; good writing and communication abilities.

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