Career Guidance using Machine Learning

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Abstract*: This study introduces a novel method for career counselling: an application that uses cutting-edge technology to provide individualised suggestions for jobs and skills. People frequently struggle to identify appropriate career options that match their objectives and abilities in today's fast-paced labour market. These difficulties might not be sufficiently addressed by traditional counselling techniques. Our novel approach analyses large-scale job and skill databases using machine learning, natural language processing (NLP), and data analytics to deliver personalised advice based on each user's interests and career aspirations. Our programme makes advantage of these technologies to help users stay ahead in their professional endeavours by providing insights into developing job trends and facilitating informed decision-making.*

Keywords: Machine learning, Job recommendation

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