Pathfinder- Career Guidance using Artificial Intelligence

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Abstract: This project introduces an innovative AI-driven Career Guidance System designed to assist individuals in making informed decisions about their professional paths. With the rapid evolution of industries and job markets, the need for personalized and adaptive career advice has become crucial. Our system leverages artificial intelligence techniques, including machine learning and natural language processing, to analyze user data and industry trends, providing tailored recommendations for career development. The AI model integrates diverse data sources, such as educational backgrounds, skills, and preferences, to create comprehensive user profiles. By employing advanced algorithms, the system generates insightful suggestions regarding suitable career paths, potential skill enhancements, and emerging job opportunities. Real-time updates ensure that users receive the latest information on market demands, enabling them to stay competitive and align their skills with industry trends.

Keywords: Artificial Intelligence, Data processing, Recommendation engine

REFERENCES