# **Job Threat Index**

**ABSTRACT:**

The "Job Threat Index ML Project" is a data-driven initiative aimed at providing valuable insights into the ever-evolving landscape of employment and workforce dynamics. In an era marked by rapid technological advancements and economic shifts, the project leverages machine learning techniques to assess and predict the level of job threat posed by various factors.

Drawing upon diverse data sources, including labor market statistics, technological trends, economic indicators, and industry-specific data, this project creates a comprehensive framework for evaluating job vulnerability. Through rigorous data preprocessing and feature engineering, relevant indicators are synthesized to measure the potential risk to different occupations and industries.

**DOMAIN:**

Machine Learning, Predictive Analytics

**Keywords:**

Job Threat Index, machine learning, Workforce Dynamics, Industry-specific data, Career Decisions, Python based.

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