

Proposed Solution

Date	23 October 2023
Team ID	Team-591556
Project Name	Predicting Mental Health Illness of Working Professionals Using Machine Learning

Proposed Solution

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Problem: The workplace is witnessing a rising trend in mental health issues among working professionals, impacting well-being and productivity. Objective: Develop an effective and proactive solution to predict mental health risks and provide early interventions, reducing the burden of mental health issues in the workplace.
2.	Idea / Solution description	Creating a machine learning model that predicts mental health risks based on employee behaviour and work-related data. This model will analyse various data points, including work hours, communication patterns, and personal indicators, to identify employees at risk of mental health issues.
3.	Novelty / Uniqueness	Our solution combines the power of advanced machine learning algorithms with real-time monitoring and personalized support, making it a novel approach to predicting and addressing mental health issues in the workplace. The model uses a wide range of behavioural and work-related data to predict mental health risks, providing a holistic perspective. Real-time monitoring ensures that interventions are timely and personalized. The integration of an AI chatbot for immediate mental health support sets this solution apart.
4.	Social Impact / Customer Satisfaction	Our solution improves the mental well-being of working professionals, reduces the stigma around mental health discussions, and

		enhances workplace productivity. HR managers benefit from a valuable well-being monitoring tool, working professionals receive early support, and data scientists gain the opportunity to work on a meaningful and impactful project.
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