

**DATA1202-02- DATA ANALYSIS TOOLS ANALYTICS**

**Professor: Sk. Md. Mizanur Rahman**

**Project Proposal**

**Submitted by:**

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**Problem Statement**

Develop a machine learning system that leverages lifestyle factors and personal characteristics to predict mental health issues, with a particular focus on individuals in the tech industry. Given the high levels of stress and unique work environments in the tech sector, early prediction of mental health problems can significantly improve intervention strategies and support mechanisms. This system aims to enhance mental health outcomes by providing timely and personalized assistance to those at risk, ultimately fostering a healthier, more productive work environment.

We will evaluate the system's performance using five machine learning models to determine which is the most accurate.