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Stress Detection using Machine Learning

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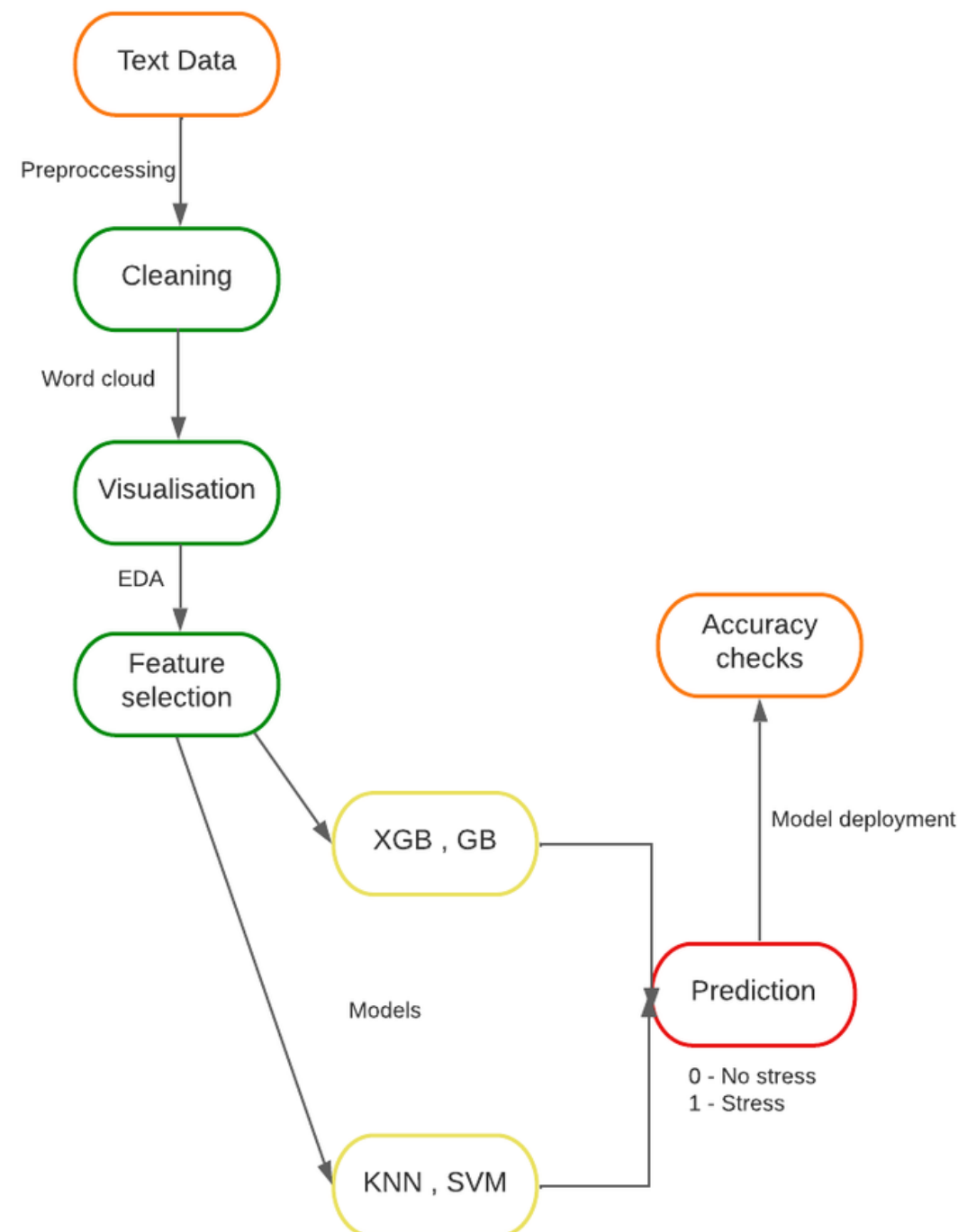
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Problem Statement

- Our project aims to develop a machine learning-based system to efficiently detect stress in social media data.
- Our system will contribute to the field of mental health research by providing a new tool for tracking stress levels in the population.

Abstract

- In this project, we propose a stress detection system that uses machine learning algorithms to accurately and non-invasively measure stress levels based on various physiological signals.
- Machine learning algorithms such as Support Vector Machines (SVM), KNN, XGBoost, and Gradient boost classify stress levels based on the extracted features.
- The system is evaluated using a dataset of physiological signals collected from individuals under different stress conditions.



Result

