(54) Title of the invention : MACHINE LEARNING ENABLED SYSTEM FOR DETECTION OF DEPRESSION SEVERITY SCORES BASED ON EEG SIGNAL

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(57) Abstract :
The present invention relatesto provide a Machine Learning enabled System for Detection of Depression Severity Scores based on EEG signal.EEG (electroencephalography) is a non-invasive method used to measure brain activity by recording the electrical signals generated by the brain using electrodes placed on the scalp.EEG incorporate with machine learning algorithm to analyze EEG signals and classify them into different depression severity levels.The system comprises of various steps like as data collection, data segmentation, feature extraction, feature selection, performance evaluation.

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