

DETECTION OF PARKINSON'S DISEASE USING MACHINE LEARNING

SAYS

Early Diagnosis of PD

Identify the symptoms of tremor

Reducing the risk of PD

THINKS

Taking a person's medical history and performing neurological examination using neurostimulator is the existing method for detecting PD but now we validate this concept here using a voice dataset collected from people with and without PD by using extreme gradient boosting algorithms, such as XG boost algorithm, to accurately diagnose individuals with this disease

DOES

Exploring LogisticRegression model, Support vector machine model and Decision Classifier model and XG boost algorithm can give a comparison result on detecting PD

FEELS

Men are slightly more likely to get Parkinson's disease than women under the age of 40 itself so the main aim of this application is early prediction and proper treatments can possibly stop or slow progression of this disease to end stage

