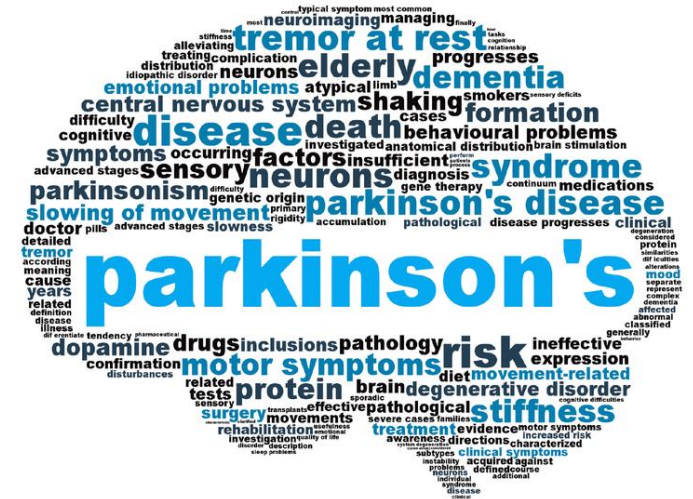


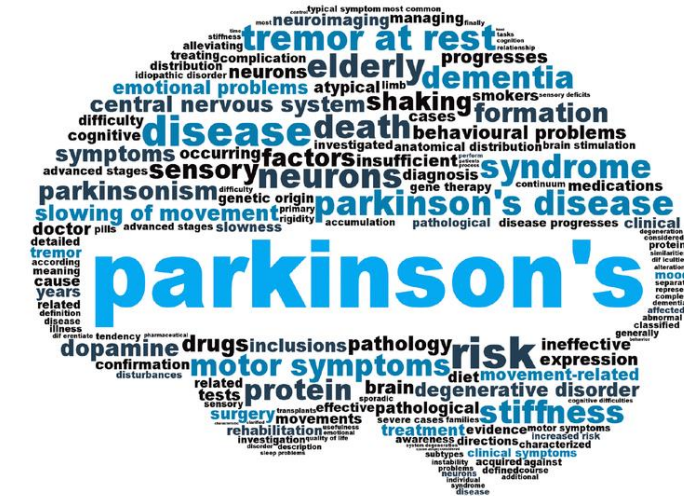
Siddhardhan

Parkinson's Disease Detection With Python

Machine Learning Project



Problem Statement



Parkinson's disease is a progressive nervous system disorder that affects movement leading to shaking, stiffness, and difficulty with walking, balance, and coordination. Parkinson's symptoms usually begin gradually and get worse over time.

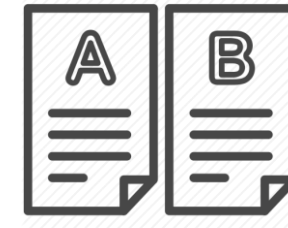
Work Flow



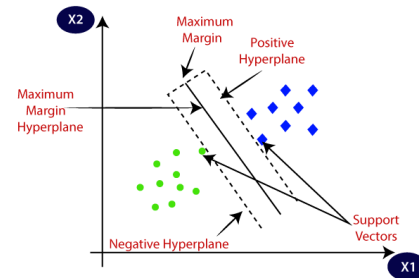
Parkinson's
Data



Data pre processing



Train Test split



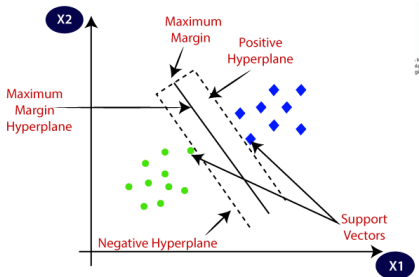
Support Vector Machine Classifier



Trained Support Vector Machine Classifier



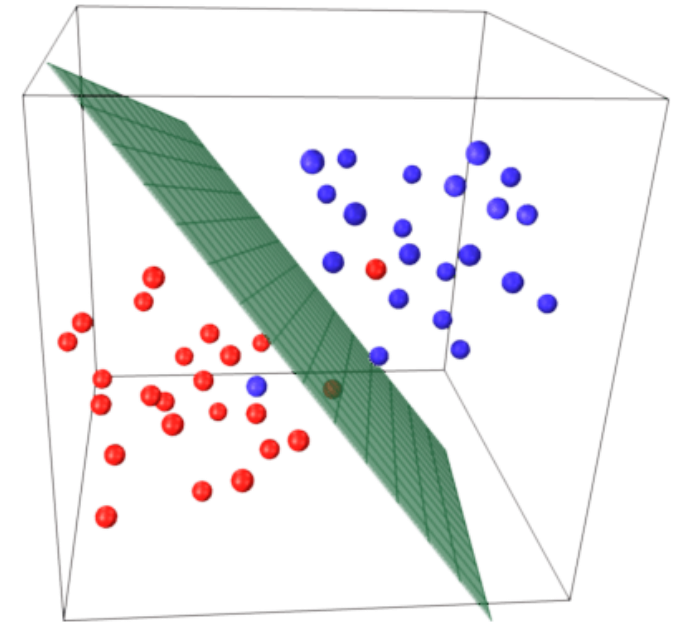
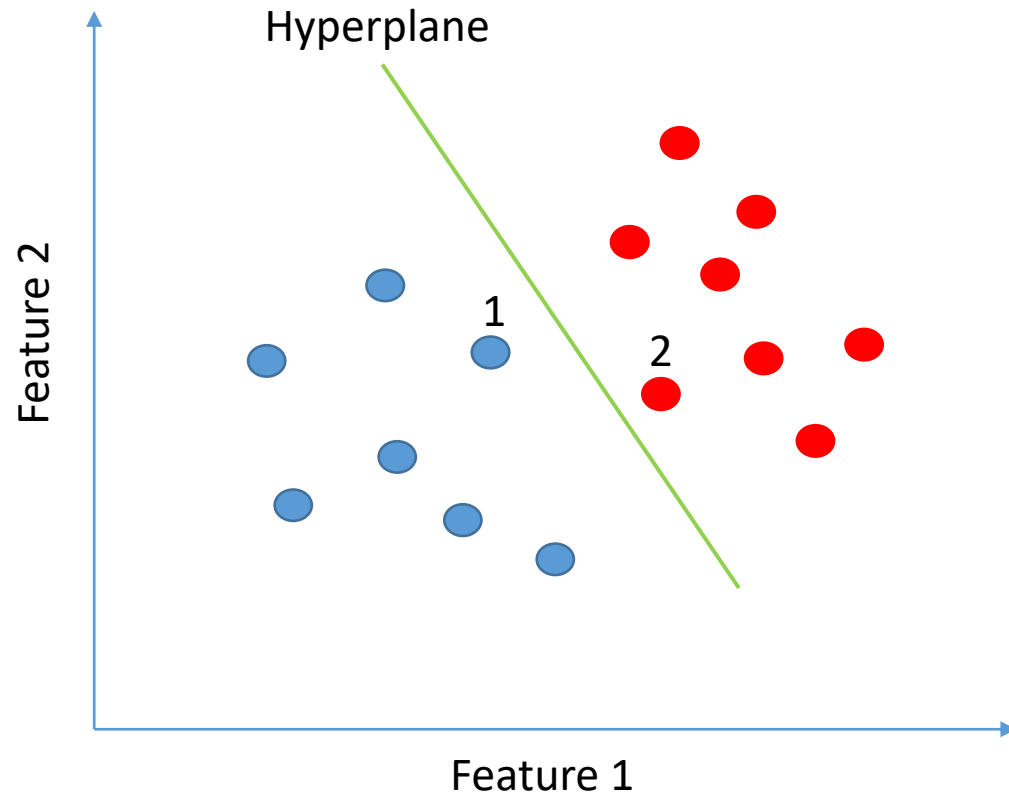
New data



Parkinson's
(or)
Healthy

Prediction

Support Vector Machine



1 & 2 → Support Vectors