

Machine Learning Project: Parkinson's Disease Detection

Description:

This project is based on supervised machine learning. Where you will be predicting whether the person has Parkinson's Disease or not, it is a nervous system disorder that affects movement of a person, further details are explained in the video itself. so this is a classification problem.

Perform following steps to complete project:

- Data cleaning
- Exploratory data analysis
- Feature selection
- Modelling
- Deployment

Note: in modelling apply various classification algorithms like logistic regression, SVM classifier, decision tree classifier, random forest classifier etc and compare performance using correct evaluation metric. In those algorithms you get good results and use that algorithm for deployment.

Submission: In the form of .ipynb file that has clear comments and headings for everything that you are doing

Follow along the video and replicate his work:

https://www.youtube.com/watch?v=HbyN_ey-JVc&list=PLfFghEzKVmjuvSA67LszN1dZ-Dd_pkus6&index=14

Dataset Link:

<https://www.kaggle.com/nidaguler/parkinsons-data-set>