A Survey on Prediction Of Parkinson's Disease Using Machine Learning

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Abstract- The Parkinson's is the neural disease caused due to perished cells in the brain, secreting dopamine. This field is under a behemoth research for it's prognosis and severity. There are and have been variegate scholarly work done and under scrutiny, likewise these include sundry of techniques and procedures which use inbuilt sensors of the smartphones, using various physical tasks and through UPDRS (Unified Parkinson's Disease Rating Scale) for prognosis and many more. Our survey gives a glimpse of variety of methods for prognosis and severity of parkinson's disease with a few constraints and conditions, these methodologies are accomplished using deep learning models. The survey provides the subtleness of the models with their related works and concluding with perused observations of all the scholarly work that has been cited.

Key words - Machine Learning, Parkinson, Smartphones, Random Forest, Neural Networks