DEPLOYMENT OF THE MACHINE LEARNING MODEL

Project: Detection of Parkinson's Disease using Machine Learning

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- Parkinson's disease is a brain disorder that causes unintended or uncontrollable movements, such
  as shaking, stiffness, and difficulty with balanceand coordination.

- Symptoms usually begin gradually and worsen over time. As the disease progresses, people may have difficulty walking and talking. They may also have mental and behavioral changes, sleep problems, depression, memory difficulties, andfatigue.

- While virtually anyone could be at risk for developing Parkinson's, some research studies suggest this disease affects more men than women. It's unclear why, but studies are underway to understand factors that may increase a person's risk. One clear risk is age: Although most people with Parkinson's first develop the disease after age 60, about 5% to 10% experience onset before the age of 50. Early-onset forms of Parkinson's are often, but always, inherited, and some forms have been linked to specific gene mutations.

Deployment of ML Model:

The ML model which is developed using Random Forest Classifier Algorithm generates an accuracy of 0.8666 approximately and is deployed using IBM Watson which enhances the scalability, reliability, security, and performance of the ML model.