

Parkinson's Disease Detection



Credits: Medical News Today

Explanation

Parkinson's disease is a neurological condition that impairs movement. There are five distinct stages of the condition, which are progressive. We have begun employing data science to enhance healthcare and services since early disease detection has a significant positive impact on prognosis. We will therefore discover how to use Python to identify Parkinson's disease in this data science project proposal.

To identify and forecast Parkinson's, we'll employ geometric diagrams. Then we'll apply our dataset of sketches acquired from both Parkinson's and non-patients. After evaluating the dataset, we will quantify the input photos using the HOG image descriptor, and then we will learn how to train a Random Forest classifier using the features that were retrieved.