DETECTING PARKINSON'S DISEASE USING MACHINE LEARNING

Team ID: PNT2022TMID34616

Project Name: DETECTING PARKINSON'S DISEASE USING MACHINE LEARNING

Project Flow

- User interacts with the UI (User Interface) to upload the image as input
- The uploaded image is analyzed by the model which is integrated
- Once the model analyzes the uploaded image, the prediction is showcased on the UI and OpenCV window

The following steps are followed for building our application

Data Collection

- Collect the dataset or create the dataset

Image Preprocessing

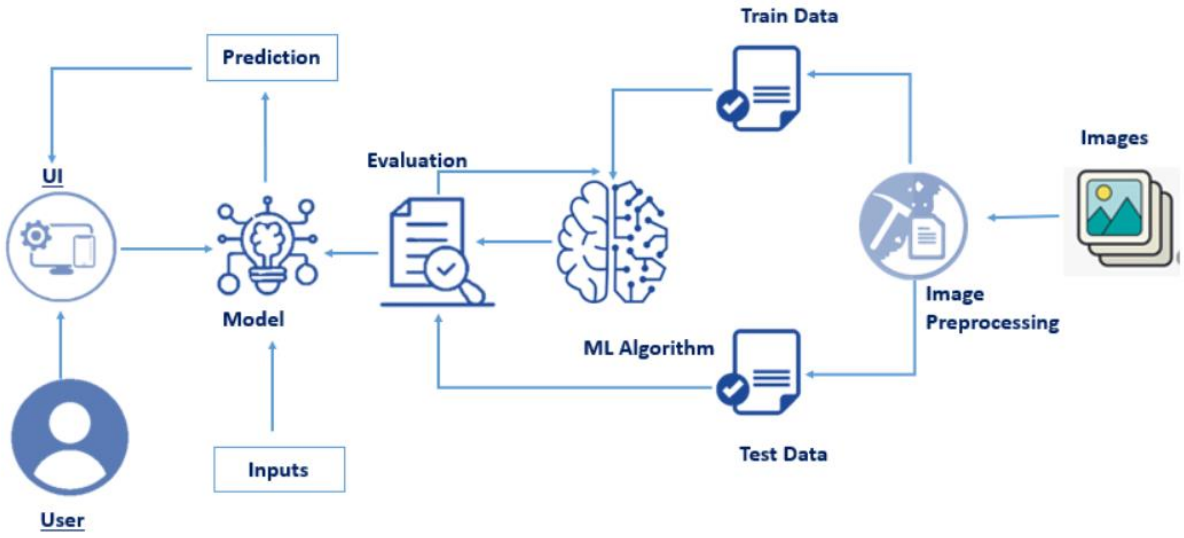
- Importing the required libraries
- Loading Train data and Test data
- Quantifying images
- Label Encoding

Model Building

- Training the model
- Testing the model
- Model Evaluation
- Saving the model

Application Building

- Create an HTML file
- Build Python Code


Train Data
Prediction
Images
UI
Evaluation
Model
ML Algorithm
Image
Preprocessing
Test Data
Inputs
User