

Project Flow

Team ID : PNT2022TMID24987

Project Name : A novel method for handwritten digit recognition System.

Project Flow:

- The user interacts with UI (User Interface) to upload the image as input.
- The uploaded image is analyzed by the model which is integrated.
- Once the model analyses the uploaded image, the prediction is showcased on the UI.

To accomplish this, we have to complete all the activities and tasks listed below

- **Understanding the data.**
 - Importing the required libraries
 - Loading the data
 - Analyzing the data
 - Reshaping the data.
 - Applying One Hot Encoding
- **Model Building**
 - Creating the model and adding the input, hidden and output layers to it
 - Compiling the model
 - Training the model o Predicting the result
 - Testing the model by taking image inputs Saving the model
- **Application Building**
 - Create an HTML file
 - Build Python Cod