Project Flow

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Project Name : A novel method for handwritten digit recognition

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
    - Predicting the result
    - Testing the model by taking image inputs
    - Saving the model
- Application Building
    - Create an HTML file
    - Build Python Cod