Project Flow

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

Project Flow:

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

To accomplish the above steps, we have to complete all the activitiesand tasks listed below:

First - Understanding the data

- Importing the required libraries
- Loading the data
- Analyzingthe data
- Reshaping the data.
- Applying One Hot Encoding

Second-Model Building

- Creating the model and adding the input, hidden andoutput layers to it
- Compiling the model
- Training the model
- Predicting the result
- Testing the model by taking imageinputs
- Saving the model

Third-Application Building

- Application building
- Create an HTML file
- Build Python Code