

Project Flow

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Project Name	A Novel method for handwritten digit recognition system

Project Flow:

- The 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 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

Model Building

- Creating the model and adding the input, hidden and output layers 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 Code