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