

Project Synopsis – UE20CS302

Title: Live Handwritten Number recognition

Abstract:

- Handwritten digit recognition is the ability of a computer to recognize the human handwritten digits from different sources like images, papers, touch screens, etc, and classify them into 10 predefined classes (0-9).
- Digit recognition has many applications like number plate recognition, postal mail sorting, bank check processing, etc.
- For this project we'll be using the MNIST handwritten dataset to train a CNN (Convolutional Neural Network model, plot the results
- The CNN model can be used for live detection of handwritten digits using OpenCV, allowing the user to draw on the screen and recognition of digits occurs in real-time.

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