

Project Methodology

We are trying to build a system that can recognize handwriting characters. To build such a system we wanted to have a data set from which the program can detect data. So, we are using the MNIST data set. From the MNIST data set, we are training and testing data. After training and testing data, we will get the most accurate model with which we will work further.

Then we are trying to recognize the system via detecting motion. We will assign a color to the program to detect and with that color object, we will be writing data to the screen. We will define the color with HSV format. We will use DEQUE to store data drawn on the screen. After that our program will predict those data. To predict those data will use the OpenCV-python library.