

# **PROBLEM STATEMENT**

## **A Novel method for Handwritten Digit Recognition System**

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- **Human handwritten digits can be recognized by using deep learning and machine learning by handwritten digit recognition.**
- **This identifies the image and recognizes the digit from the whole dataset of all the digits with maximum accuracy based on Convolutional Neural Networks.**
- **MLP helps in better classification of images compared to other algorithms since a machine cannot classify handwritten digits.**
- **Final output predicts the accurate digit for the handwritten digit to be of a fairly good efficiency.**