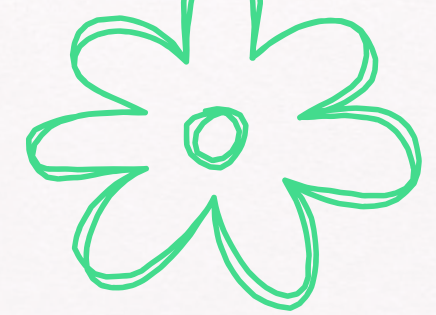


# Problem statement



- Errors in Digit recognition cause severe problems like digits written on a bank cheque if recognized erroneously could result in unfortunate consequences.
- This research work analyzes the behaviour of classification techniques to predict a digit. Machine-learning techniques, particularly when applied to Neural Networks like CNN or ANN.
- The Goal of our work is to create a model that will be able to recognize and classify the handwritten digits from images by using concepts of Convolution Neural Network. Though the goal of our research is to create a model for digit recognition and classification, it can also be extended to letters and an individual's handwriting.

