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# Digit Recognition

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## OVERVIEW

In this project, we will attempt to classify images of digits. To achieve our goal, we will use the following machine learning techniques:

- KNN
- Neural Network
- SVM
- K-Means Clustering

## OUR GOAL

Classify images of digits using machine learning.
Building strong models with ability to learn handwritten digits.
We will also confront between the different machine learning techniques, and try to compare them.

## DATA SET

About 70,000 images of handwritten digits (from 0 to 9) from Kaggle and/or Mnist websites.
The size of each image is 28x28 pixels.