***Report***

**Title:** Teach a Neural Network to Read Handwriting

**Problem**: To build a neural network from scratch that solves the MNIST challenge with high accuracy.

**Prerequisites**:

* Knowledge on deep networks
* Convolution Neural Networks
* Basic intuition about Tensor flow
* Basics of Keras
* Image Processing Basics

**Design used**:

* Create Dataset
* Model Class
* Application Class

**Code:**

* Dependencies
* Train dataset
* Test dataset

**Conclusion:** Project is ready to read handwriting.