A Novel Method for Handwritten Digit Recognition System

Reshaping The Data

```
+ Code + Text
 RESHAPING THE DATA
 [ ] X_train = X_train.reshape(60000,28,28,1).astype('float32')
      X_test = X_test.reshape(10000,28,28,1).astype('float32')
 X_train
      array([[[[0.],
                [0.],
               [0.],
               [0.],
                [0.],
                [0.]],
               [[0.],
               [0.],
[0.],
               ...,
[0.],
               [0.],
[0.]],
              [[0.],
[0.],
                [0.],
                [0.],
                [0.],
                [0.]],
               ...,
               [[0.],
               [0.],
[0.],
                [0.],
                [0.],
                [0.]],
               [[0.],
                [0.],
                [0.],
               ...,
[0.],
                [0.],
                [0.]],
```

