

Compiling The Model

Team ID: PNT2022TMID28890

Project Name: A Novel Method For Handwritten Digit Recognition System

Team Leader:Karthikeyan.V

Team Member:Karthikeyan.J, Periyasamy.A, Sabarimanikandan.M

With both the training data defined and model defined, it's time to configure the learning process. This is accomplished with a call to the compile () method of the Sequential model class. Compilation requires 3 arguments: an optimizer, a loss function, and a list of metrics.

Compiling the model

```
# Compile model  
model.compile(loss='categorical_crossentropy', optimizer="Adam", metrics=['accuracy'])
```

Note: In our project, we have 2 classes in the output, so the loss is binary_crossentropy.

If you have more than two classes in output put “loss = categorical_cross entropy”.