Model Building

Configure The Learning Process

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Configure The Learning Process

- ❖ The compilation is the final step in creating a model. Once the compilation is done, we can move on to the training phase. The loss function is used to find errors or deviations in the learning process. Keras requires a loss function during the model compilation process.

- ❖ Optimization is an important process that optimizes the input weights by comparing the prediction and the loss function.Here we are using adam optimizer.

- ❖ Metrics are used to evaluate the performance of your model. It is similar to

```
Compiling the model

[ ] # Compiling the CNN
    # categorical_crossentropy for more than 2
    classifier.compile(optimizer='adam', loss='sparse_categorical_crossentropy', metrics=['accuracy'])
```

the loss function, but not used in the training process.