

## Add The Convolution Layer

Duration: 0.2 Hrs

Skill Tags:

The first layer of the neural network model, the convolution layer will be added. To create a convolution layer, Convolution2D class is used. It takes the number of feature detectors, feature detector size, expected input shape of the image, activation function as arguments. This layer applies feature detectors on the input image and returns a feature map (features from the image).

```
model.add(Convolution2D(32, (3,3), input_shape=(64,64,1), activation = 'relu'))  
#no. of feature detectors, size of featurdetector, image size, activation function
```