Adding Dense Layers

Dense layer is deeply connected neural network layer. It is most common and frequently used layer. Understanding the model is very important phase to properly use it for training and prediction purposes. Keras provides a simple method, summary to get the full information about the models and its layers.

```
In [10]: # Adding a fully connected layer
         classifier.add(Dense(units=128, activation='relu'))
         classifier.add(Dense(units=6, activation='softmax')) # softmax for more than 2
```

```
classifier.summary()

Model: "sequential"

Layer (type)                 Output Shape
=================================================================
conv2d (Conv2D)              (None, 62, 62, 32)

max_pooling2d (MaxPooling2D) (None, 31, 31, 32)

conv2d_1 (Conv2D)            (None, 29, 29, 32)

max_pooling2d_1 (MaxPooling2 (None, 14, 14, 32)

flatten (Flatten)            (None, 6272)

dense (Dense)                (None, 128)

dense_1 (Dense)              (None, 6)
=================================================================
Total params: 813,286
Trainable params: 813,286
Non-trainable params: 0
```