

```
In [37]: history = model.fit(X_train, y_train, epochs=30,  
                             validation_data=(X_valid, y_valid))
```

Epoch 1/30

```
1719/1719 [=====] - 2s 1ms/step  
- loss: 1.0187 - accuracy: 0.6807 - val_loss: 0.5207 - val_accuracy: 0.8234
```

Epoch 2/30

```
1719/1719 [=====] - 2s 921us/step  
- loss: 0.5028 - accuracy: 0.8260 - val_loss: 0.4345 - val_accuracy: 0.8538
```

Epoch 3/30

```
1719/1719 [=====] - 2s 881us/step  
- loss: 0.4485 - accuracy: 0.8423 - val_loss: 0.5334 - val_accuracy: 0.7982
```

[...]

Epoch 29/30

```
1719/1719 [=====] - 2s 917us/step  
- loss: 0.2284 - accuracy: 0.9177 - val_loss: 0.3053 - val_accuracy: 0.8896
```

Epoch 30/30

```
1719/1719 [=====] - 2s 916us/step  
- loss: 0.2252 - accuracy: 0.9211 - val_loss: 0.3004 - val_accuracy: 0.8920
```