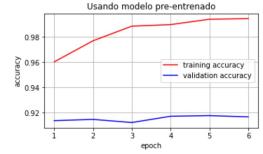
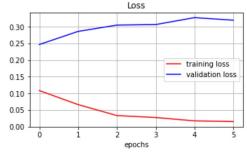
```
Imagenes entrenamiento originales: 8000
Imagenes entrenamiento con augmentation: 8000
Entrenamiento: Imágenes con tatuajes: 4596 sin: 3404 total imágenes de train: 8000
Validación: Imágenes con tatuajes: 1149 sin: 851 total imágenes de validate: 2000
Test: Imágenes con tatuajes: 1149 sin: 851 total imágenes de test: 2000
Downloading data from https://storage.googleapis.com/tensorflow/keras-applications/resnet/resnet50 weights tf dim ordering tf kernels notop.h5
Epoch 1/10
Epoch 2/10
Epoch 3/10
250/250 [============= - 17s 68ms/step - loss: 0.1076 - accuracy: 0.9586 - val loss: 0.2322 - val accuracy: 0.9150
Epoch 4/10
Epoch 5/10
250/250 [============== - 17s 68ms/step - loss: 0.0427 - accuracy: 0.9861 - val loss: 0.3433 - val accuracy: 0.9105
Epoch 6/10
250/250 [============== - 17s 69ms/step - loss: 0.0410 - accuracy: 0.9860 - val loss: 0.3069 - val accuracy: 0.9175
Epoch 00006: early stopping
Entrenando sin augmentation
Epoch 1/30
Epoch 2/30
Epoch 3/30
Epoch 4/30
Epoch 00004: ReduceLROnPlateau reducing learning rate to 2.499999936844688e-05.
Epoch 5/30
Epoch 6/30
Epoch 00006: early stopping
     Usando modelo pre-entrenado
                            Loss
                   0.35
                   0.30
 0.98
                   0.25
<del>ک</del> 0.96
           training accuracy
                   0.20
                               training loss
            validation accuracy
                               validation loss
· 0.94
                   0.15
                   0.10
 0.92
                   0.05
 0.90
```

Saved model to disk at 20200627-15:56-Entrenando sin augmentation

epoch

1 of 3 6/27/2020, 6:05 PM





Saved model to disk at 20200627-15:58-

## Evaluando modelo ...

63/63 [======] - 3s 50ms/step

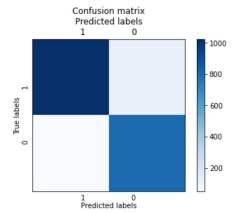
## Classification Report

		precision	recall	f1-score	support
	0	0.87	0.94	0.90	851
	1	0.95	0.89	0.92	1149
accura	acv			0.91	2000
macro	-	0.91	0.92	0.91	2000
weighted a	avg	0.92	0.91	0.91	2000

Matriz de confusión

prediction	1	(
label		
1	1025	124
0	49	802

2 of 3 6/27/2020, 6:05 PM



3 of 3