



```
{'accuracy': [0.7516328, 0.9247551, 0.92516327, 0.9414913, 0.9459815],
 'loss': [0.5148320565721985,
 0.24242815816118038,
 0.20904136766680936,
 0.18788115207257267,
 0.17563284345171232],
 'val_accuracy': [0.9197822, 0.93303084, 0.93502724, 0.94210523, 0.93593466],
 'val_loss': [0.29318461221629294,
 0.2022698652593122,
 0.20716091553154198,
 0.17766353934463383,
 0.1776162104573155]}
```

```
<ipython-input-12-3b4649eb4549>:1: UserWarning: `Model.fit_generator` is deprecated and will be removed in a future version. Please use `Model.fit`, w
history = model.fit_generator(generator=train_data_generator,
1378/1378 [=====] - 139s 99ms/step - loss: 0.6013 - accuracy: 0.6687 - val_loss: 0.2988 - val_accuracy: 0.9083
Epoch 2/5
1378/1378 [=====] - 135s 98ms/step - loss: 0.2577 - accuracy: 0.9161 - val_loss: 0.2034 - val_accuracy: 0.9294
Epoch 3/5
1378/1378 [=====] - 134s 97ms/step - loss: 0.2090 - accuracy: 0.9304 - val_loss: 0.2040 - val_accuracy: 0.9296
Epoch 4/5
1378/1378 [=====] - 135s 98ms/step - loss: 0.2111 - accuracy: 0.9212 - val_loss: 0.1796 - val_accuracy: 0.9417
Epoch 5/5
1378/1378 [=====] - 144s 104ms/step - loss: 0.1822 - accuracy: 0.9428 - val_loss: 0.1740 - val_accuracy: 0.9377
```