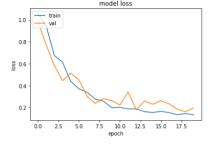
```
Epoch 1/20
136/136 [=
                        ====] - 68s 501ms/step - loss: 1.0584 - accuracy: 0.3926 - val_loss: 0.9876 - val_accuracy: 0.4617
Epoch 00001: val_accuracy improved from -inf to 0.46172, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet lr0005.h5
          Epoch 00002: val accuracy improved from 0.46172 to 0.49282, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet lr0005.h5
136/136 [===
           Epoch 00003: val accuracy improved from 0.49282 to 0.80622, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet lr0005.h5
           Epoch 00004: val accuracy improved from 0.80622 to 0.86364, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet lr0005.h5
136/136 [=
               :==========] - 63s 464ms/step - loss: 0.4450 - accuracy: 0.8441 - val loss: 0.5128 - val accuracy: 0.8373
Epoch 00005: val accuracy did not improve from 0.86364
         Epoch 00006: val accuracy did not improve from 0.86364
136/136 [==:
           Epoch 00007: val accuracy improved from 0.86364 to 0.89474, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet lr0005.h5
            136/136 [===
Epoch 00008: val accuracy improved from 0.89474 to 0.92584, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet lr0005.h5
136/136 [==
             Epoch 00009: val accuracy did not improve from 0.92584
136/136 [===
          Epoch 00010: val_accuracy did not improve from 0.92584
136/136 [===
            Epoch 00011: val_accuracy improved from 0.92584 to 0.93541, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet lr0005.h5
Enoch 12/20
136/136 [===
            Epoch 00012: val_accuracy did not improve from 0.93541
Epoch 13/20
136/136 [===
             :===========] - 63s 465ms/step - loss: 0.1837 - accuracy: 0.9301 - val loss: 0.1780 - val accuracy: 0.9378
Epoch 00013: val accuracy improved from 0.93541 to 0.93780, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet lr0005.h5
             =========] - 63s 462ms/step - loss: 0.1590 - accuracy: 0.9399 - val_loss: 0.2590 - val_accuracy: 0.9211
Epoch 00014: val_accuracy did not improve from 0.93780
136/136 [===
            :===========] - 63s 465ms/step - loss: 0.1524 - accuracy: 0.9408 - val loss: 0.2290 - val accuracy: 0.9330
Epoch 00015: val accuracy did not improve from 0.93780
Fnoch 16/20
136/136 [===
             =========] - 63s 466ms/step - loss: 0.1650 - accuracy: 0.9420 - val_loss: 0.2623 - val_accuracy: 0.9139
Epoch 00016: val_accuracy did not improve from 0.93780
136/136 [===
             Epoch 00017: val accuracy did not improve from 0.93780
            Epoch 00018: val_accuracy improved from 0.93780 to 0.94258, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet_lr0005.h5
136/136 [===
            Epoch 00019: val accuracy improved from 0.94258 to 0.95455, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet lr0005.h5
Epoch 20/20
                        :===l - 64s 470ms/step - loss: 0.1321 - accuracv: 0.9533 - val loss: 0.1976 - val accuracv: 0.9330
Epoch 00020: val_accuracy did not improve from 0.95455
dict_keys(['val_loss', 'val_accuracy', 'loss', 'accuracy'])
            model accuracy
 0.9
 0.8
 0.5
 0.4
       2.5
          5.0
             7.5
                10.0
                   12.5 15.0 17.5
```

1 of 2 05/06/20, 1:04 pm



2 of 2 05/06/20, 1:04 pm

	precision	recall	f1-score	support
COVID-19	0.94	0.97	0.95	31
Normal	0.94	0.96	0.95	193
Viral Pneumonia	0.97	0.94	0.96	194
accuracy			0.95	418
macro avg	0.95	0.96	0.95	418
weighted avg	0.95	0.95	0.95	418

1 of 1 05/06/20, 2:35 pm