

Test 1: num_plants = 167 target_size = (299,299) batchsize = 32 epochs = 100 Model: "sequential" __

Layer (type) Output Shape Param #

===== inception_resnetv2

(Model) (None, None, None, 1536) 54336736

__ global_averagepooling2d (GlobalAveragePooling2D) (None, 1536) 0

__ dense (Dense) (None, 2048) 3147776

_dense1 (Dense) (None, 1024) 2098176

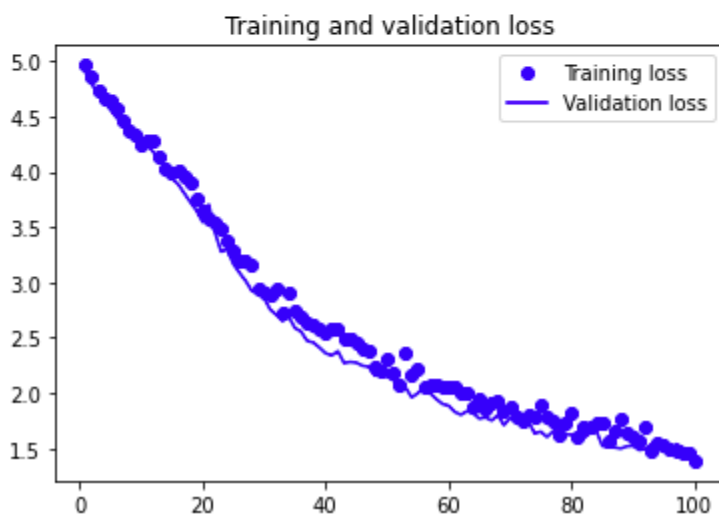
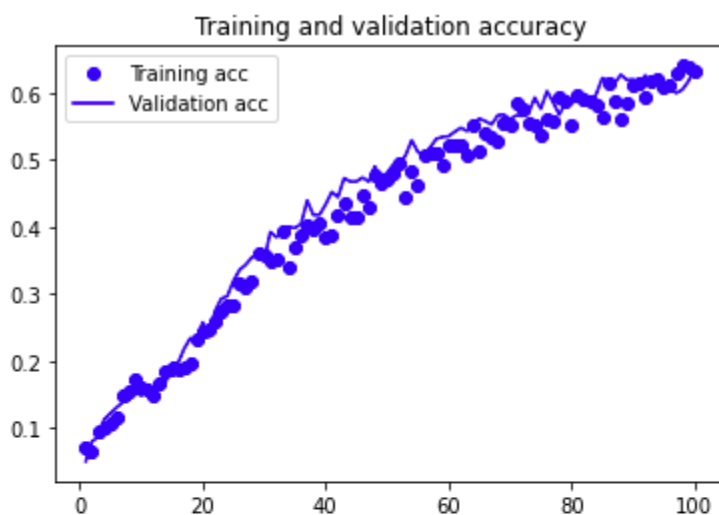
__ dense_2 (Dense) (None, 167) 171175

===== Total params:

59,753,863 Trainable params: 59,693,319 Non-trainable params: 60,544 72/72

[=====] - 106s 1s/step - loss: 1.4163 - accuracy: 0.6393 test acc:

0.63932294



Conclusion: Representation space was too small in the dense layers. Going to test a larger representation dense layer.