Final model 3rd capstone

Model: "sequential\_1"

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Layer (type) Output Shape Param #

=================================================================

conv2d\_4 (Conv2D) (None, 68, 68, 32) 320

batch\_normalization\_4 (Batc (None, 68, 68, 32) 128

hNormalization)

max\_pooling2d\_4 (MaxPooling (None, 34, 34, 32) 0

2D)

dropout\_5 (Dropout) (None, 34, 34, 32) 0

conv2d\_5 (Conv2D) (None, 32, 32, 32) 9248

batch\_normalization\_5 (Batc (None, 32, 32, 32) 128

hNormalization)

max\_pooling2d\_5 (MaxPooling (None, 16, 16, 32) 0

2D)

dropout\_6 (Dropout) (None, 16, 16, 32) 0

conv2d\_6 (Conv2D) (None, 14, 14, 64) 18496

batch\_normalization\_6 (Batc (None, 14, 14, 64) 256

hNormalization)

max\_pooling2d\_6 (MaxPooling (None, 7, 7, 64) 0

2D)

dropout\_7 (Dropout) (None, 7, 7, 64) 0

conv2d\_7 (Conv2D) (None, 5, 5, 128) 73856

batch\_normalization\_7 (Batc (None, 5, 5, 128) 512

hNormalization)

max\_pooling2d\_7 (MaxPooling (None, 2, 2, 128) 0

2D)

dropout\_8 (Dropout) (None, 2, 2, 128) 0

flatten\_1 (Flatten) (None, 512) 0

dense\_2 (Dense) (None, 140) 71820

dropout\_9 (Dropout) (None, 140) 0

dense\_3 (Dense) (None, 15) 2115

=================================================================

Total params: 176,879

Trainable params: 176,367

Non-trainable params: 512

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_