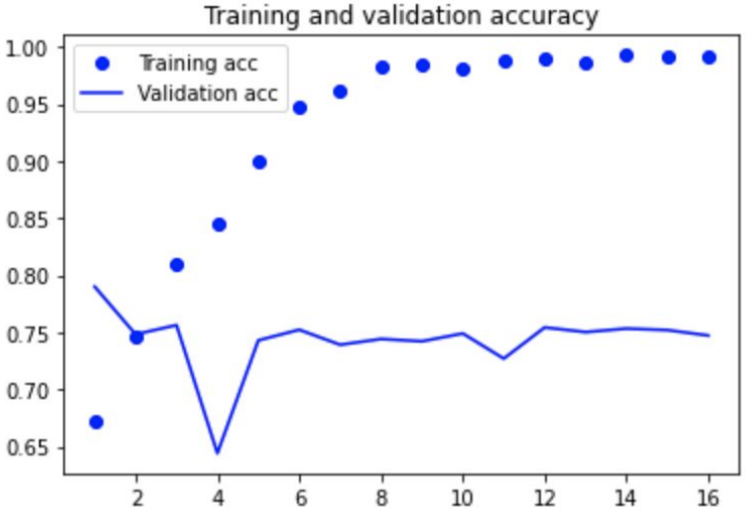
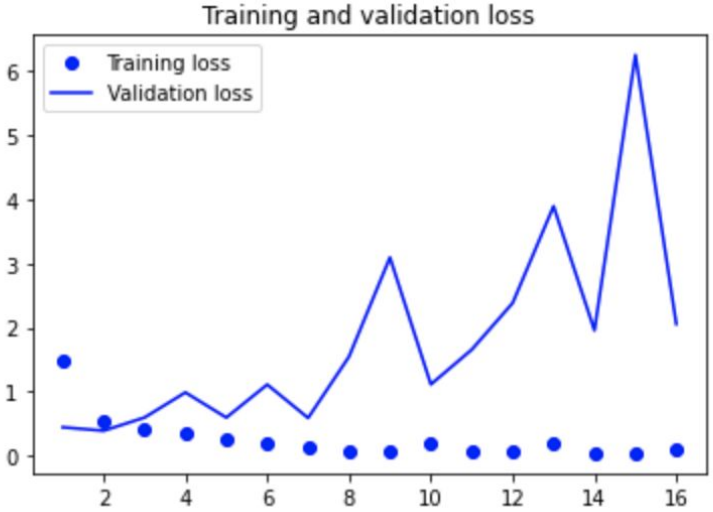
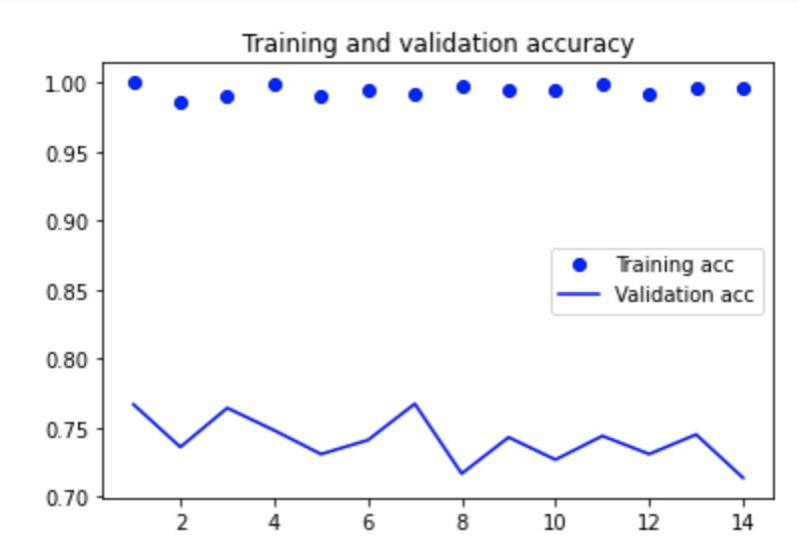
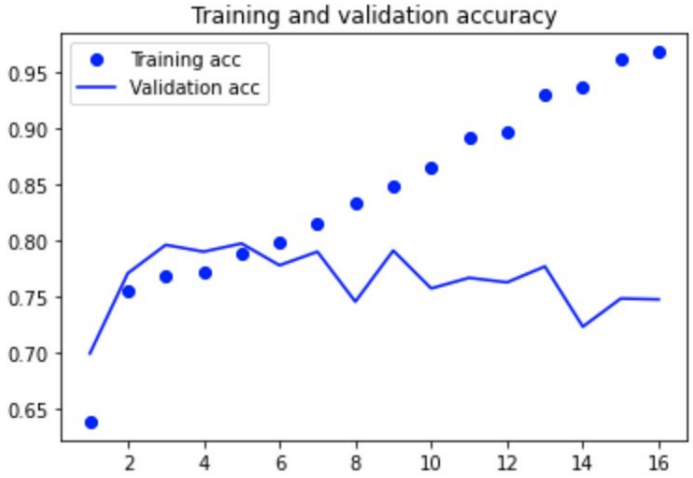


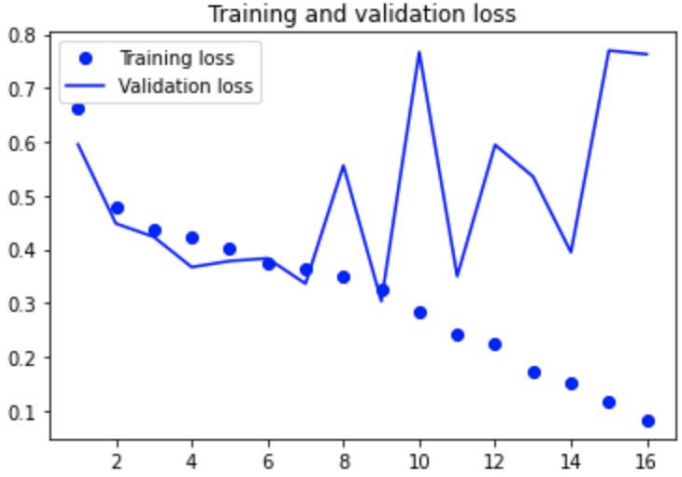


- data set _16
- Made boxes on fake images smaller (1.2*i)
- 2 convolution layers
- 16 epochs:
  - loss: 0.0996
  - acc: 0.9910
  - val_loss: 2.0550
  - val_acc: 0.7472
- @ 14th epoch:
  - loss: 0.0492
  - acc: 0.9930
  - val_loss: 1.9561
  - val_acc: 0.7533

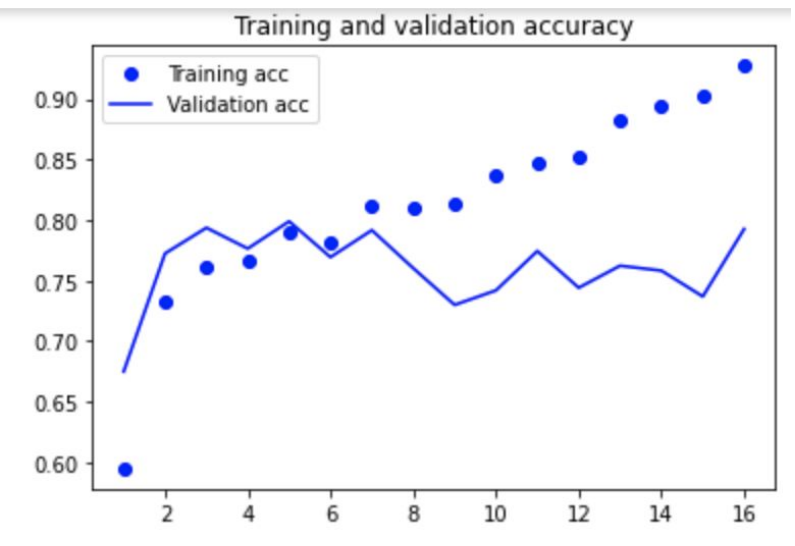


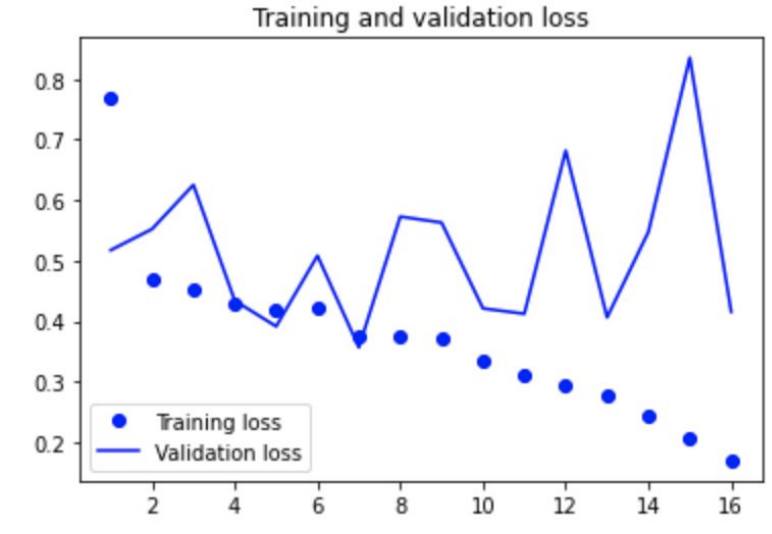
- Made boxes on fake images smaller (1.2*i)
- 2 convolution layers
- 14 epochs:
  - loss: 0.1110
  - acc: 0.9965
  - val_loss: 1.7257
  - val_acc: 0.7139





- Data set _16
- Made boxes on fake images smaller (1.2*i)
- 4 convolution layers
- 16 epochs:
  - loss: 0.0821
  - acc: 0.9675
  - val_loss: 0.7631
  - val_acc: 0.7472

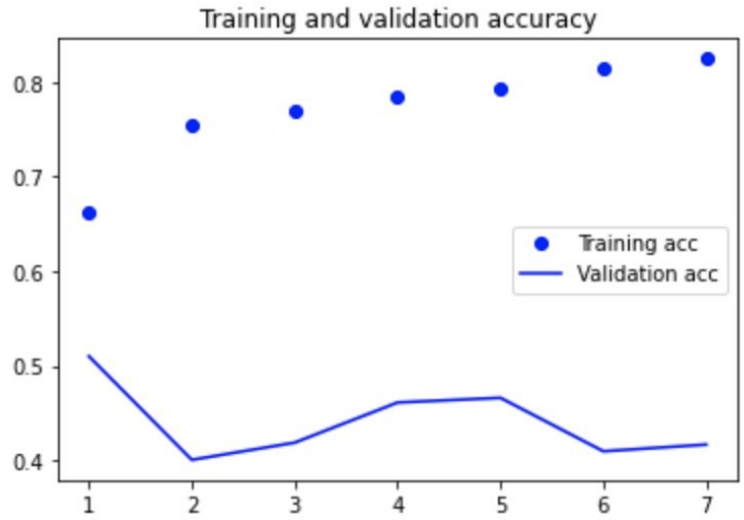


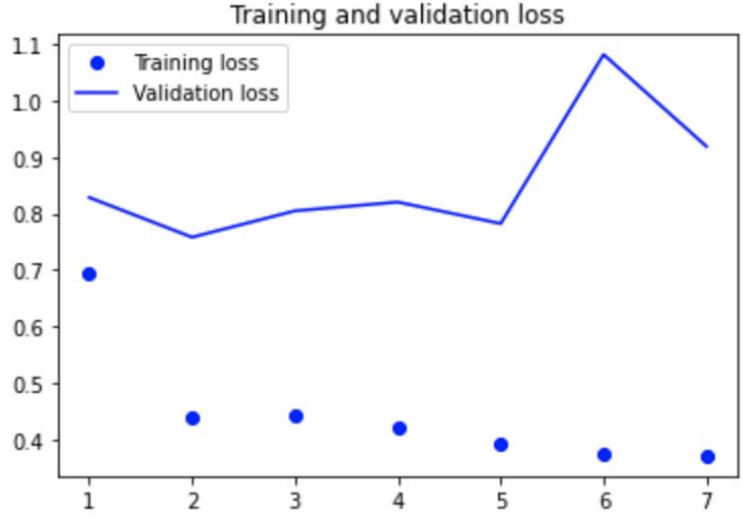


- Data set _18
- Made boxes on fake images smaller (1.2*i)
- 4 convolution layers
- 16 epochs:
  - loss: 0.1704
  - acc: 0.9275
  - val_loss: 0.4158
  - val_acc: 0.7927

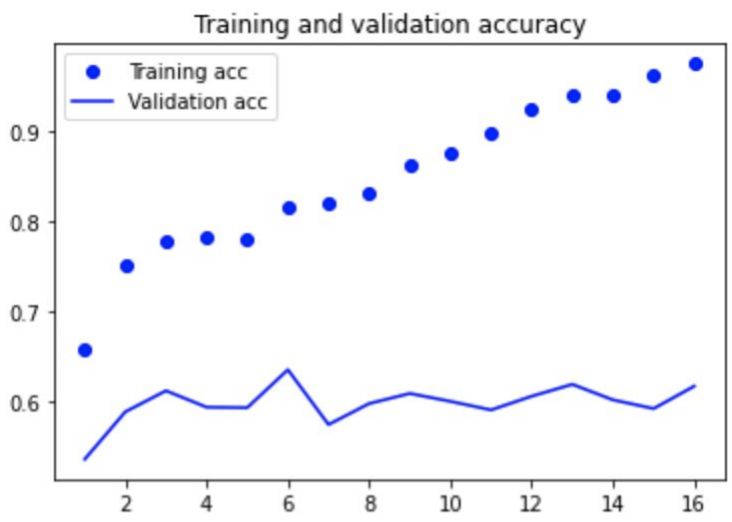
08/29/20

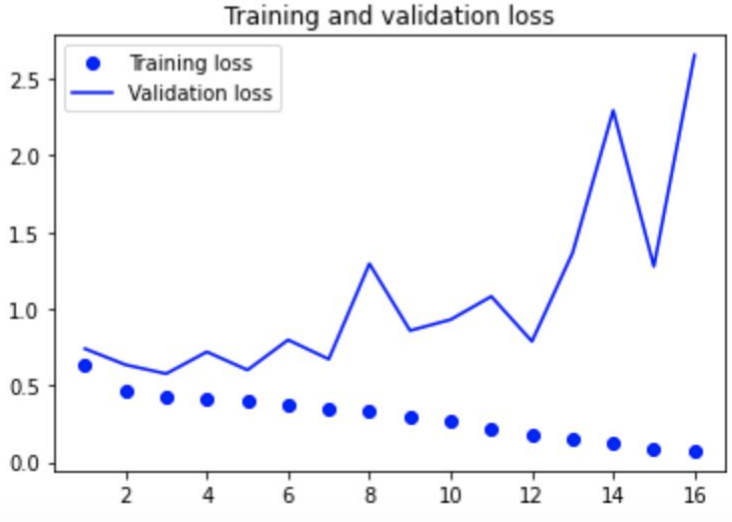
- Realized that in the prior code structure, the white boxes were MUCH larger on the validation fake images (since 1.2*i) and i = 1000 to i = 1249
- Test fake images were not edited, added same code as validation fake ^^
-



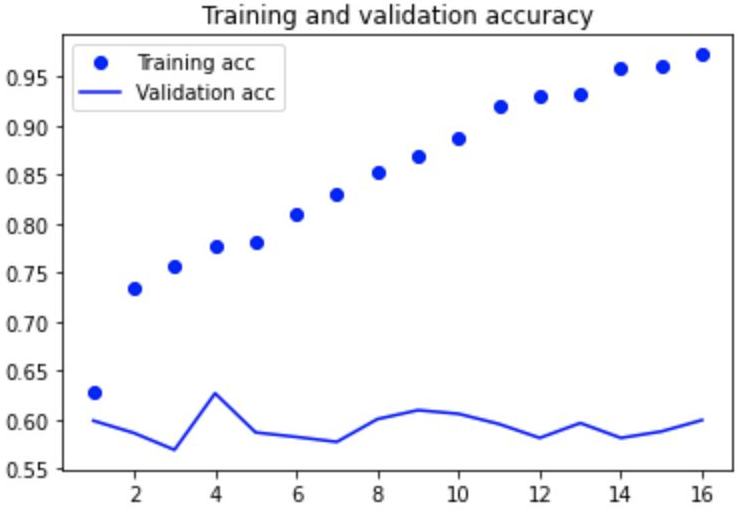


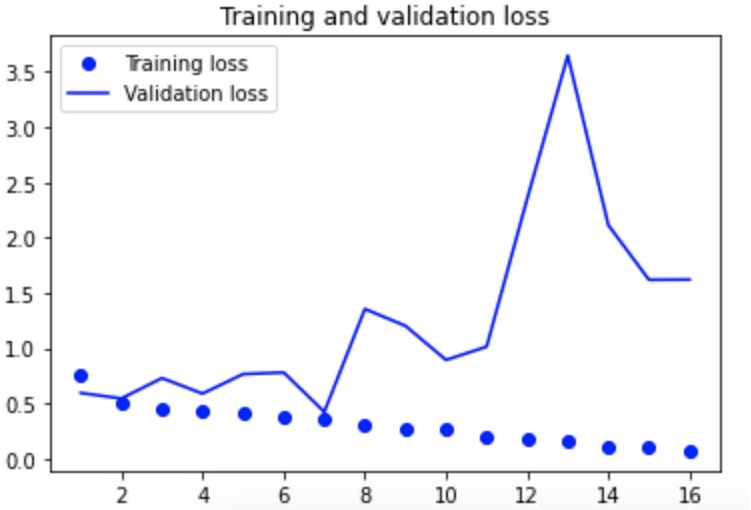
- Data set _22
- Made boxes on fake images smaller (1.2*(i/1000)
- 4 convolution layers
- 7 epochs:
  - `loss: 0.3717`
  - `acc: 0.8250`
  - `val_loss: 0.9188`
  - `val_acc: 0.4166`
- `Should be % 1000 to be symmetrical with the training, not / 1000`



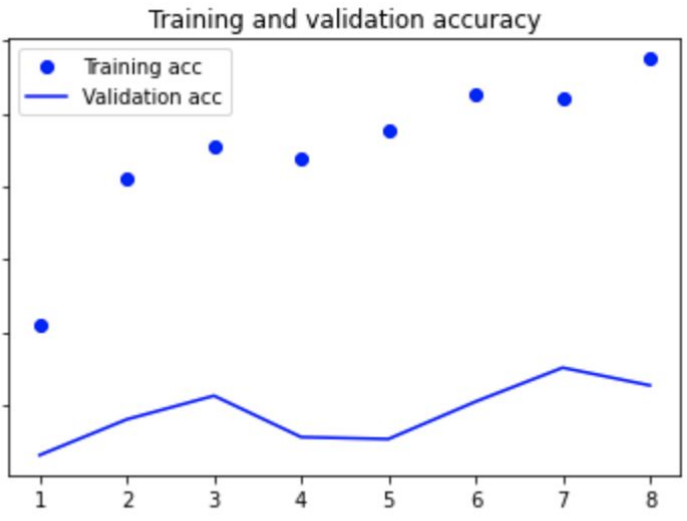


- Data set _22
- Made boxes on fake images smaller (1.2*(i%1000))
- 4 convolution layers
- 16 epochs:
  - loss: 0.0743
  - acc: 0.9745
  - val_loss: 2.6559
  - val_acc: 0.6178
-

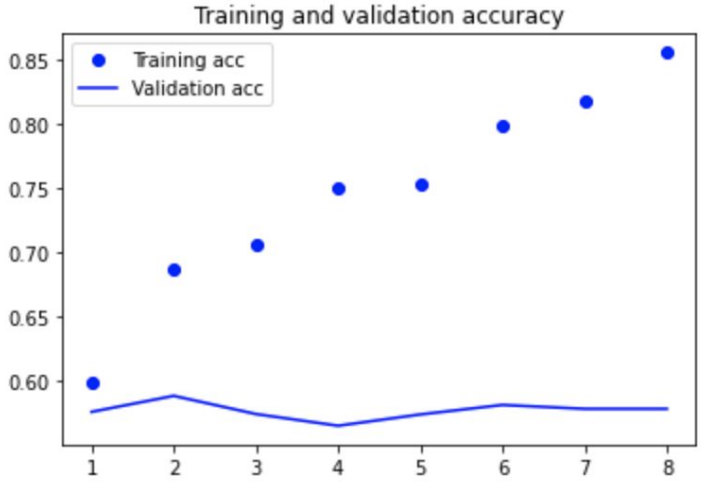


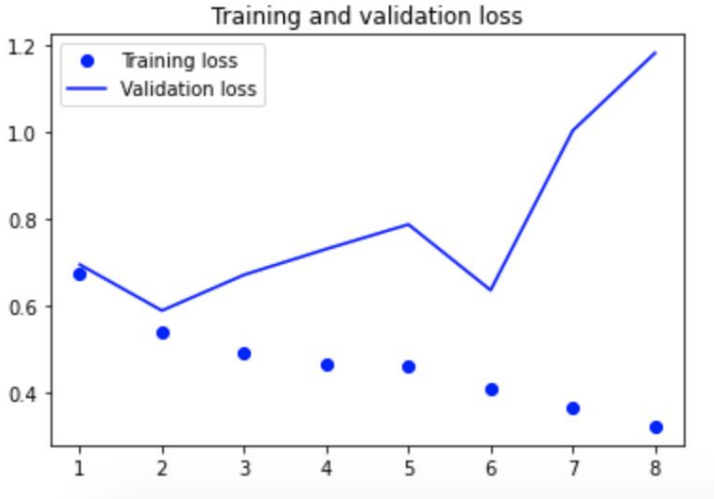


- Data set _24
- (0.5*(i%1000))
- 4 convolution layers
- 16 epochs:
  - loss:0.0693
  - acc: 0.9725
  - val_loss: 1.6193
  - val_acc: 0.5996
- 8th epoch:
  - Loss: 0.3106
  - acc: 0.8535
  - val_loss: 1.3536
  - val_acc: 0.6006

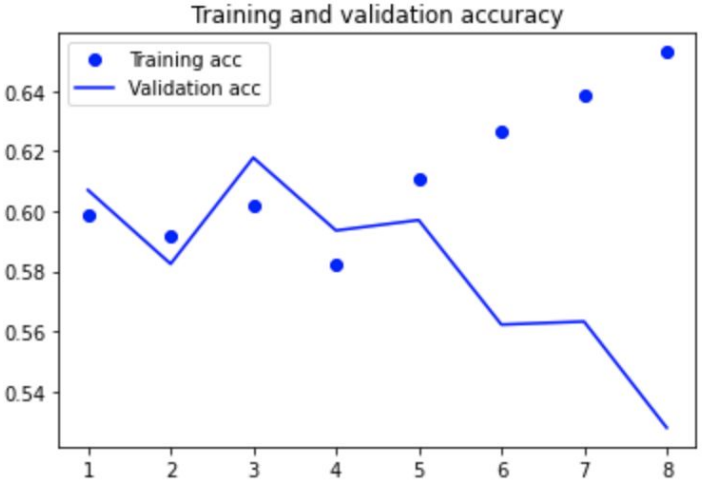


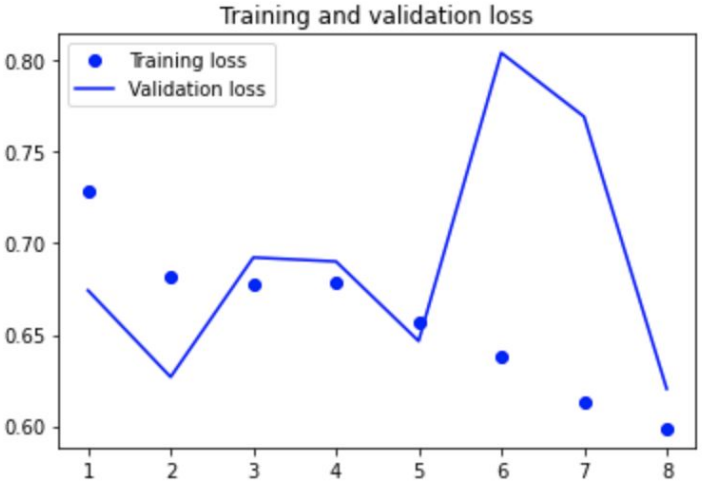
- Data set _25
- (1.5*(i%1000))
- 4 convolution layers
- 8 epochs:
  - loss: 0.3278
  - acc: 0.8375
  - val_loss: 0.5304
  - val_acc: 0.6138



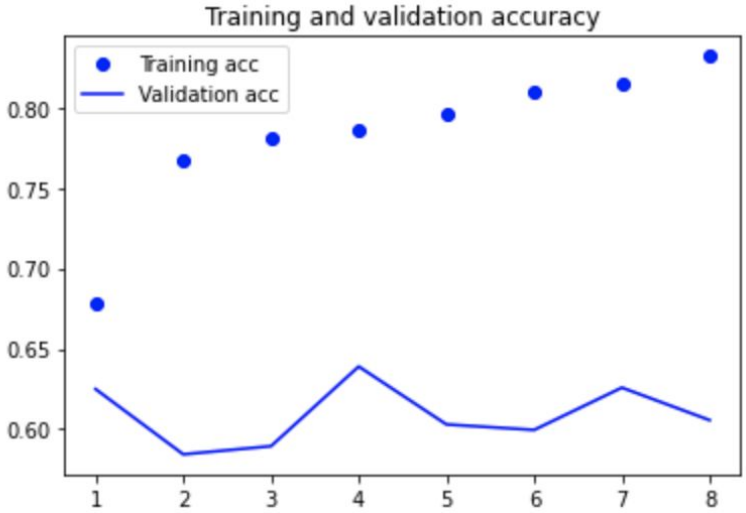


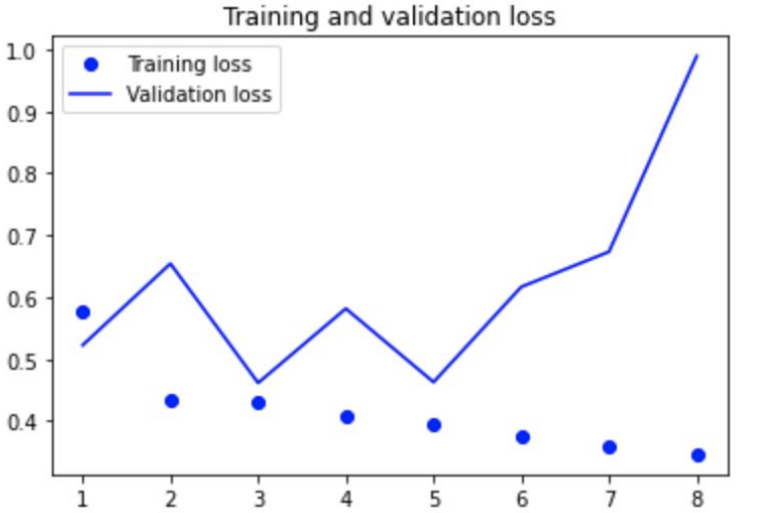
- Data set _26
- (0.05*(i%1000))
- 4 convolution layers
- 8 epochs:
  - loss: 0.3225
  - acc: 0.8555
  - val_loss: 1.1808
  - val_acc: 0.5784



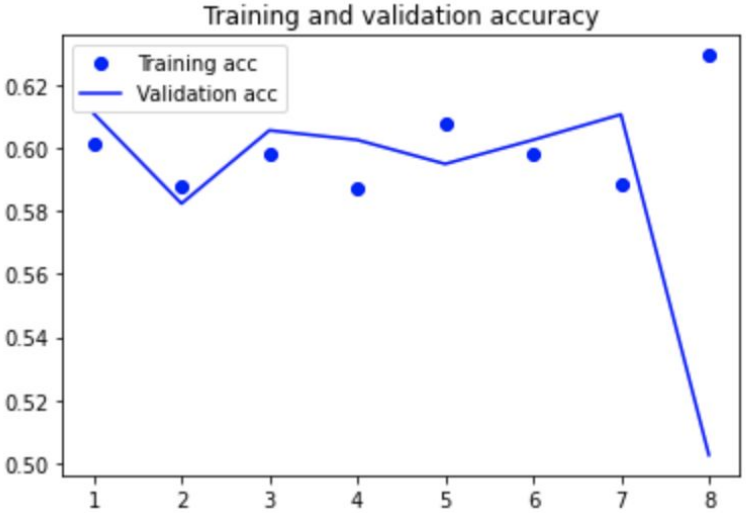


- Data set _27
- (0.05*(i%1000))
- 4 convolution layers
- 8 epochs:
  - loss: 0.5987
  - acc: 0.6530
  - val_loss: 0.6204
  - val_acc: 0.5278





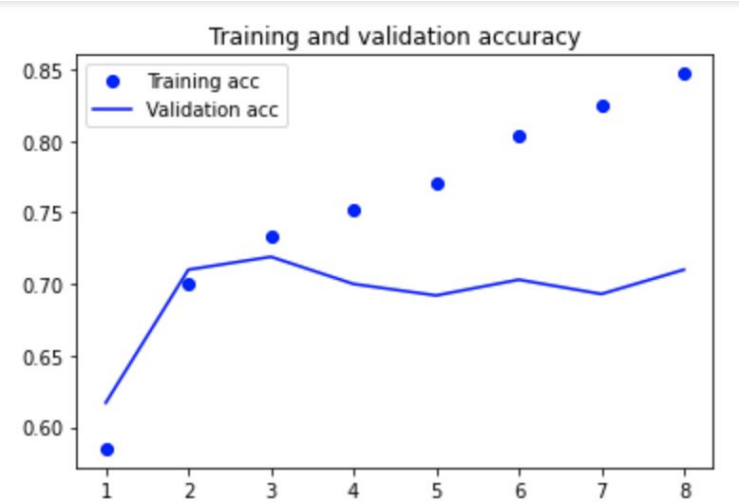
- Data set _28
- (2.0*(i%1000))
- 4 convolution layers
- 8 epochs:
  loss: 0.3466
  acc: 0.8320
  val_loss: 0.9893
  val_acc: 0.6057

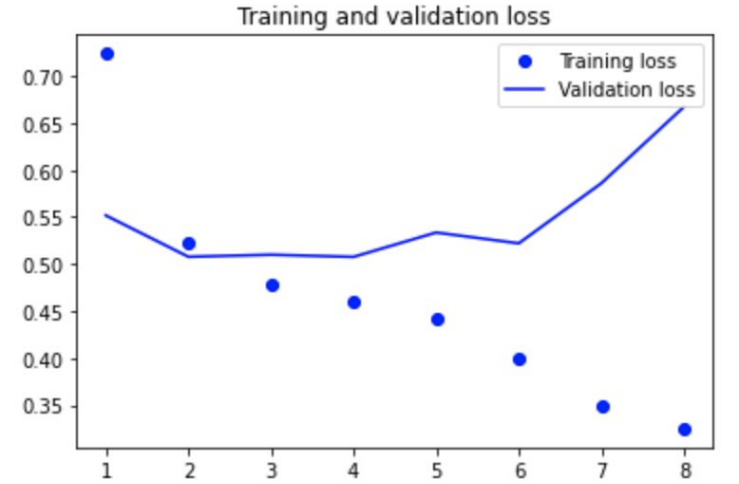


- Data set _29
- (0.005*(i%1000))
- 4 convolution layers
- 8 epochs:
  - loss: 0.6351
  - acc: 0.6295
  - val_loss: 0.6651
  - val_acc: 0.5025

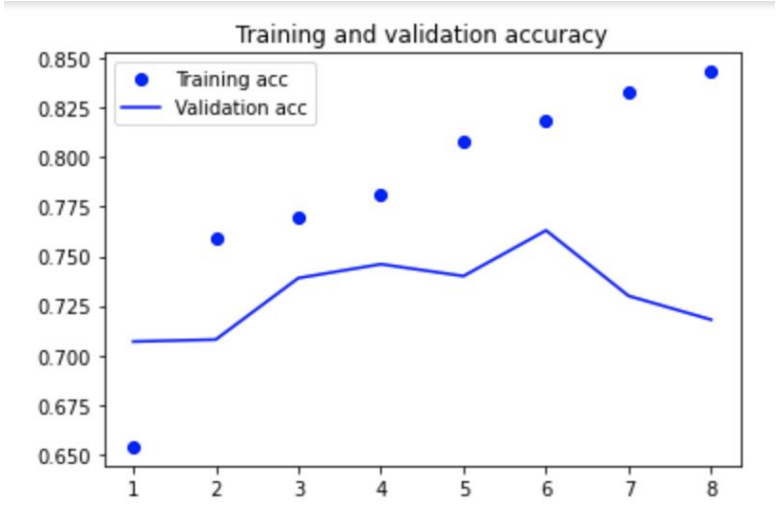
08/03 Update

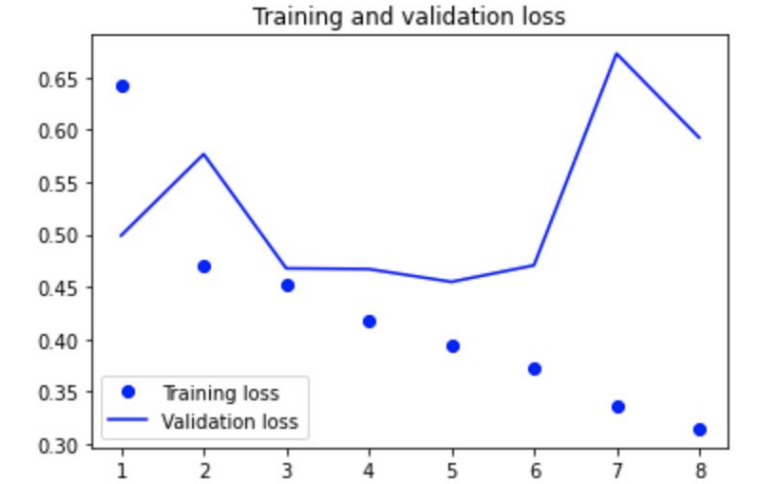
- Patch size range:
  - Change all to - 1000 (instead of %)
  - Test factors: 0.1, 0.5, 1
  - Change subtraction value (750, 500)



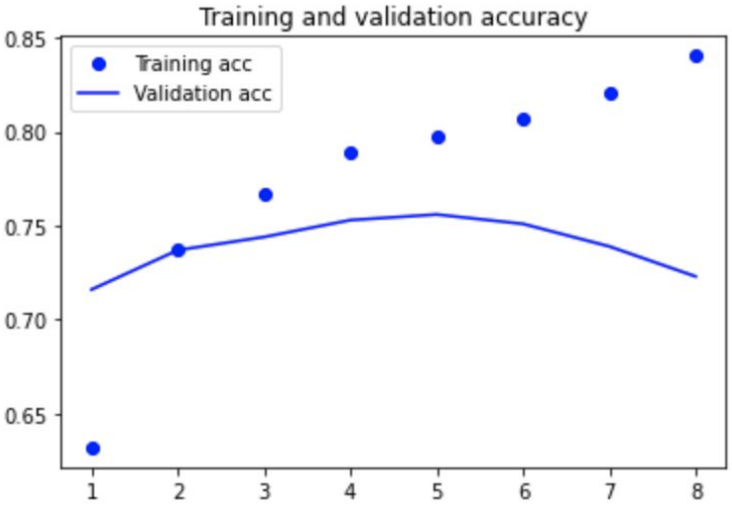


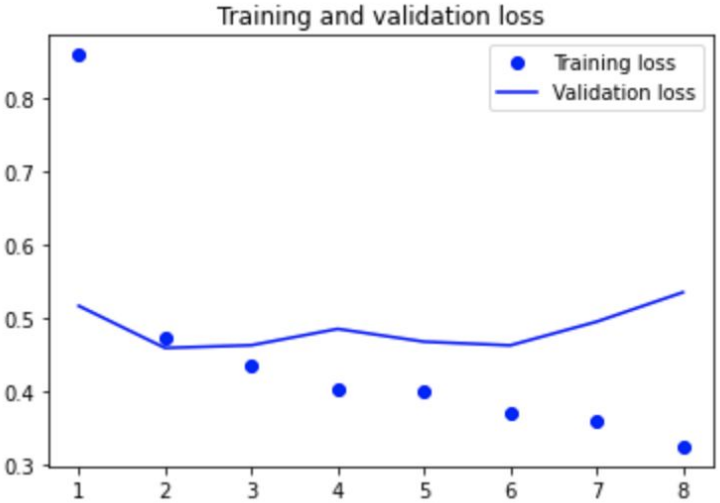
- Data set _31
- (0.1*(i-1000))
  - Multiplication factor: 0.1
  - Subtraction factor: 1000
- 4 convolution layers
- 8 epochs:
  - loss: 0.3250
  - acc: 0.8470
  - val_loss: 0.6673
  - val_acc: 0.7100



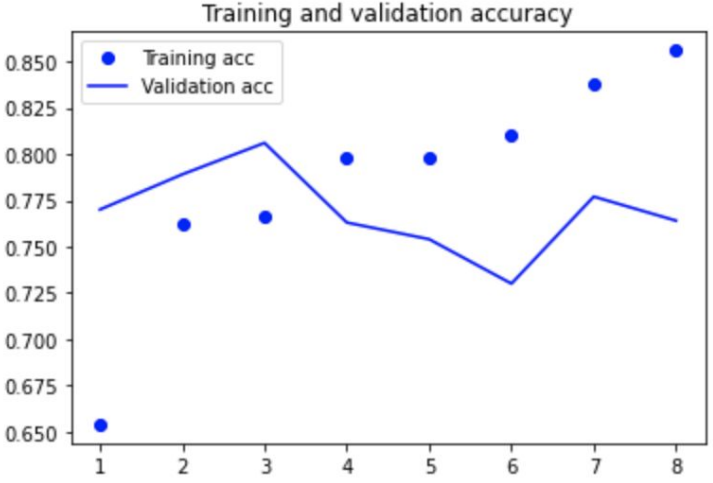


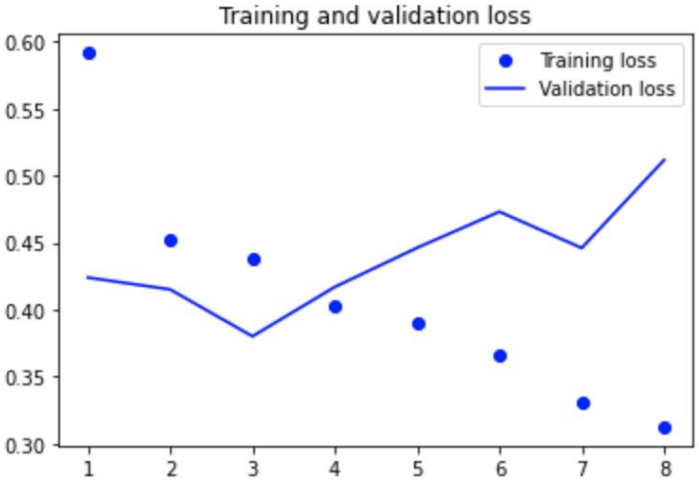
- Data set _32
- (0.5*(i-1000))
  - Multiplication factor: 0.5
  - Subtraction factor: 1000
- 4 convolution layers
- 8 epochs:
  - loss: 0.3144
  - acc: 0.8430
  - val_loss: 0.5925
  - val_acc: 0.7180



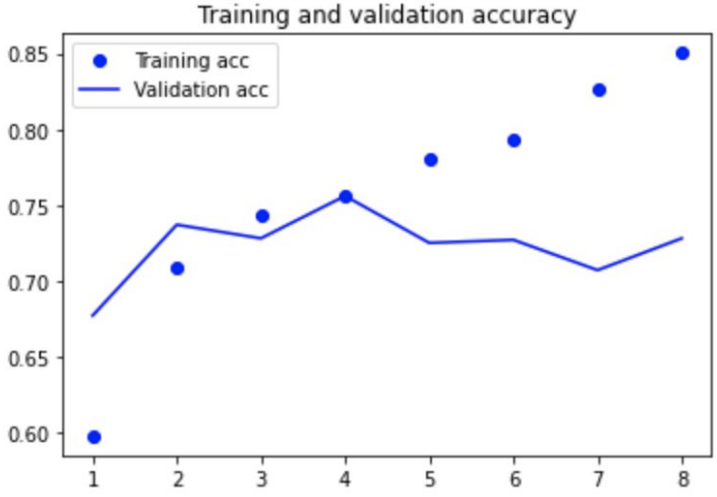


- Data set _33
- (1*(i-1000))
  - Multiplication factor: 1
  - Subtraction factor: 1000
- 4 convolution layers
- 8 epochs:
  - loss: 0.3257
  - acc: 0.8405
  - val_loss: 0.5362
  - val_acc: 0.7230

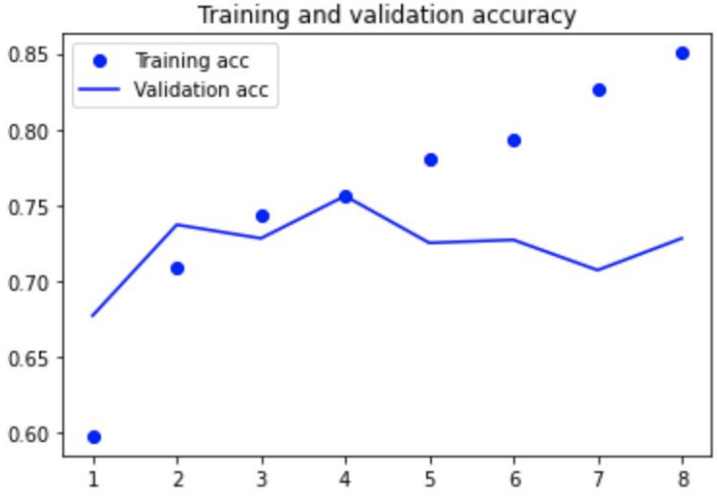




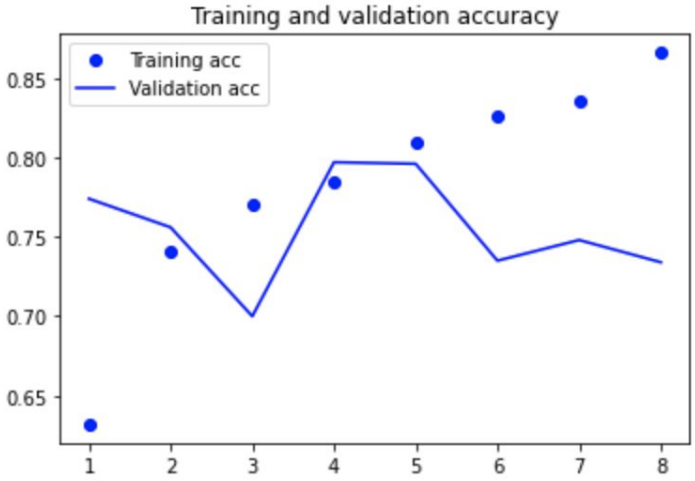
- Data set _34
- (1*(i-750))
  - Multiplication factor: 1
  - Subtraction factor: 750
- 4 convolution layers
- 8 epochs:
  - loss: 0.3124
  - acc: 0.8560
  - val_loss: 0.5116
  - val_acc: 0.7640

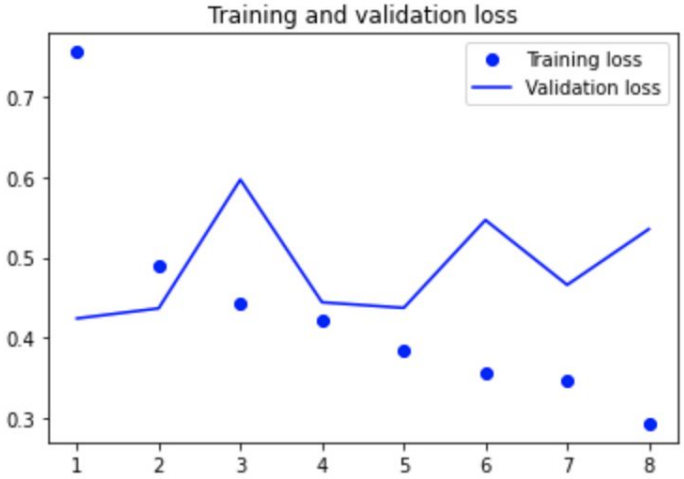


- Data set _39
- (0.5*(i-750))
  - Multiplication factor: 0.5
  - Subtraction factor: 750
- 4 convolution layers
- 8 epochs:
  - loss: 0.3469
  - acc: 0.8410
  - val_loss: 0.5038
  - val_acc: 0.7850
- Patchsize: 0-125



- Data set _37
- (0.1*(i-750))
  - Multiplication factor: 0.1
  - Subtraction factor: 750
- 4 convolution layers
- 8 epochs:
  - loss: 0.3346
  - acc: 0.8515
  - val_loss: 0.5291
  - val_acc: 0.7250
- Size of patch: 0-25





- Data set _40
- (0.5*(i-500))
  - Multiplication factor: 0.5
  - Subtraction factor: 500
- 4 convolution layers
- 8 epochs:
  - `0.2933 - acc: 0.8660 - val_loss: 0.5352 - val_acc: 0.7340`