10월13일 과제

* 국민카드 유성환

Simple Network

#conv st1

x1 = self.\_conv('st1', images, 3, 1, 16, self.\_stride\_arr(1))

x1 = self.\_batch\_norm('bn1', x)

x1 = self.\_relu(x, self.relu\_leakiness)

#conf st2

x2 = self.\_conv('st3', x1, 3, 16, 16, self.\_stride\_arr(1))

x2 = self.\_batch\_norm('bn1', x2)

x2 = self.\_relu(x, self.relu\_leakiness)

#conv st1

x1 = self.\_conv('st2', x1, 3, 16, 16, self.\_stride\_arr(1))

x1 = self.\_batch\_norm('bn1', x1)

x1 = self.\_relu(x1, self.relu\_leakiness)

#avg pool st2

x1 = tf.nn.avg\_pool(x1, self.\_stride\_arr(2), self.\_stride\_arr(2), 'VALID')

#Eltwise sum

x= x1 + x2

#conv st1

x3 = self.\_conv('st4', x3, 3, 16, 16, self.\_stride\_arr(1))

x3 = self.\_batch\_norm('bn1', x)

x3 = self.\_relu(x, self.relu\_leakiness)

#concatenate sum

x = tf.concat([x3, x], 3)

#conv st1

x = self.\_conv('st5', X, 3, 32, 32, self.\_stride\_arr(1))

x = self.\_batch\_norm('bn1', x)

x = self.\_relu(x, self.relu\_leakiness)

img\_feat = self.\_global\_avg\_pool(x)

return img\_feat

결과 값

중간에

**ValueError**: Variable embed/bn1/beta already exists, disallowed. Did you mean to set reuse=True or reuse=tf.AUTO\_REUSE in VarScope? Originally defined at:

File "C:\Users\KAIST\AppData\Roaming\Python\Python36\site-packages\tensorflow\python\framework\ops.py", line 1717, in \_\_init\_\_

self.\_traceback = tf\_stack.extract\_stack()

File "C:\Users\KAIST\AppData\Roaming\Python\Python36\site-packages\tensorflow\python\framework\ops.py", line 3155, in create\_op

op\_def=op\_def)

File "C:\Users\KAIST\AppData\Roaming\Python\Python36\site-packages\tensorflow\python\util\deprecation.py", line 454, in new\_func

return func(\*args, \*\*kwargs)

* 해당 에러로 끝까지 수행하지 못했습니다.