VGG 19 Architecture:

Voiala consists of 16 convolution

layer.

layer. 60 First convolution layer from the Later size 64 and ternels is 3x3 with stride size of 1 pixel. Atter this convolution layer Pelu activation function is used. This bolu function output the Priput if positific; otherwise the output is zero, The next convolution dayer also uses 64 fulters with kernd size 3x3 and stride in INI. After this Relu function is used. After this pooling layer was used with kernel 3520 & and stride is 2. so the Prage size if sedured. After this two more convolution layers are used with fülter size 128 and romal 3120 vi 3×3- stride vi 1×1 Relu activation function is used. Hax pooling was performed. The kernel 8120 3 2 and stride il 2are used with set futer size 256 and Kernel size is 3×3 and stride = 1×1.

For each convolution layer a fell activation function is used. After this 4 convolution beyor maxpooling layer was used. The kernel size is 2 and etride is 2.

used with filter size 512 and kernel size is 3x3 and stride is 1x1.

Pela activation function is used for every convolution layer. Haxpool Joyer was used with kernel 5120 = 2 and stride is 2.

Avgpool was used, so

the target output of 20 is 7x7.

After all there layers & fully

Concerted layers used. First Lencar layer

used h-features = 25088 and

out-features is 4096. After this

pelu activation function and propout

layer is used. The next Lencar

layer consist of in-features = 4096

and out-features = 4096. Relu function

and bropout layer were used.

The final dinear layer consists of

h-features = 4096 and out-features = 1000.