Resnet 34 -) 33 convolution Jayer.

The first convolutional layer consists of by falters with kernel size of 7x7. And the stride is ax2 and padding is 3x3. Then a Batch Normalization is used. After this bely Activation function is used. We give Activation function is used. We give (inplace = True). So it will modify the input directly without allocating any additional output. Naxpool layer is used. The ternel size is 3, stride is 1 and padding is 1. This Architecture has 4 sequential layer.

First sequential layer: It

Consists of 3 blocks. Fach block contains

2 convolution layer, 2 batch Normalization

And the Activation function is pelu.

The filter of 2e is 64 and kernel

of 2e is (3x3). Stride = (1,1)

and podding (1,1). The first layer

totally consist 6 convolution layer.

Second Sequential Jayer: It consults of 4 blocks. Each block Contains & Convolution Jayer. But the first block contains 3 convolution Jayer. It has fotally 9 convolution Jayer.

The fulter 5120 & 128 and ternal else = (3,3) stride & (212).

Batch Norm and belu activation function & wed.

There sequential dayer; It has

5 blocks. First block contains 3

Convolution Jayor with filter size 286

and kernel size = (3,3). other 4

blocks contains 2 convolution Jayle for each black. filter size is 256.

terrel size (3,3) stride (1,1) podding (1,1)

Totally 13 convolution Jayle. Batchnorm

and pelu altivation function is usel.

Fourth sequential layer: It contains a Block . First block contains a convolution layer. Second and thind balock contains 2 convolution layer. The filter size in the learner of the convolution layer. The filter size in the learner of the convolution layer. Batch Norm and polu altivation function is used.

Avgroot layer in used. The Icemel size = 7, stride: 1 and padding a Finally fully connected layer in used. First linear layor consists
in-features = 2048, out-features = 512. After this pelu alteration function is and a propout layer in used.

The next linear layer consists of 512 Pn-teatures (size of each input sample), 64 out-features (size of each output sample). Noxt rola Activation function is used Frally the linear layer constitu of 64 in-features and 1 out-features CONC. Montheliovan - Sin I