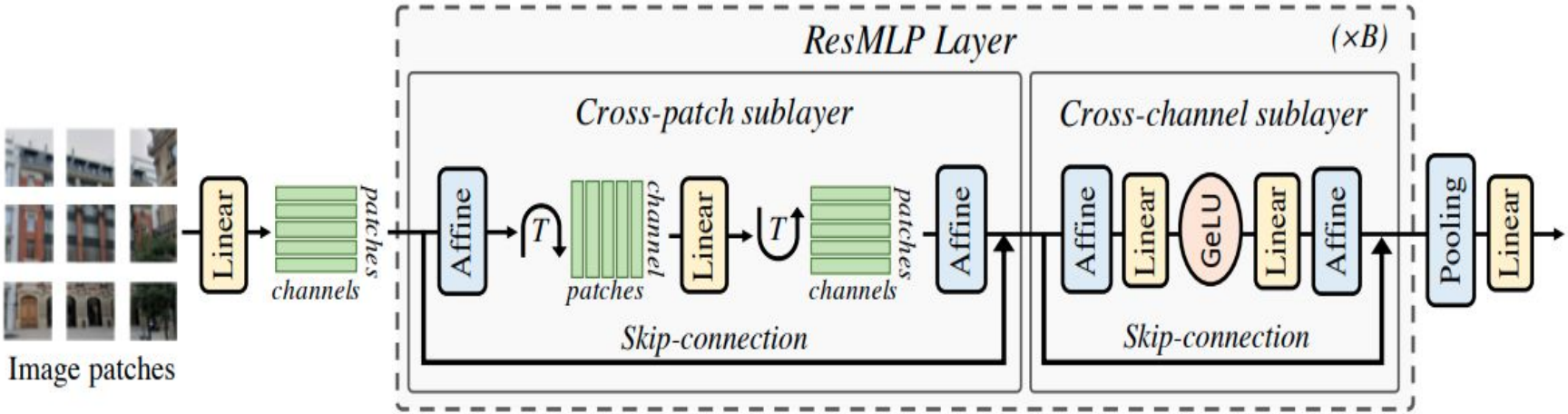
RESMLP

Implementation

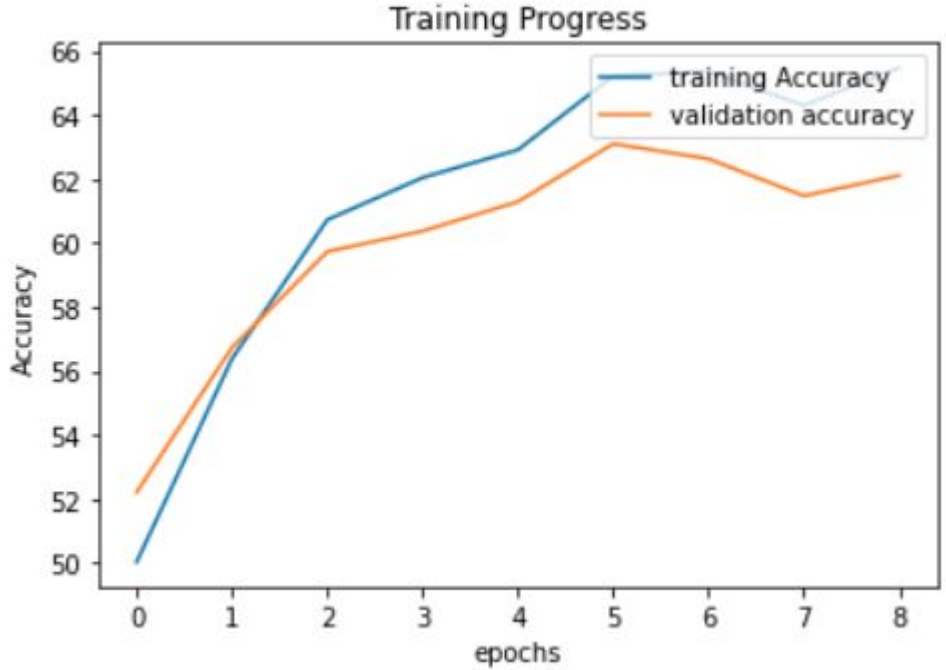
Architecture



Hyperparameters

```
Dataset = Cifar10
Image size = 32
patch_size = 16
num_layers = 12
batch_size = 32
lr = 1e-2
epochs = 10
Number of parameters = 14,978,170
```

Progress so far

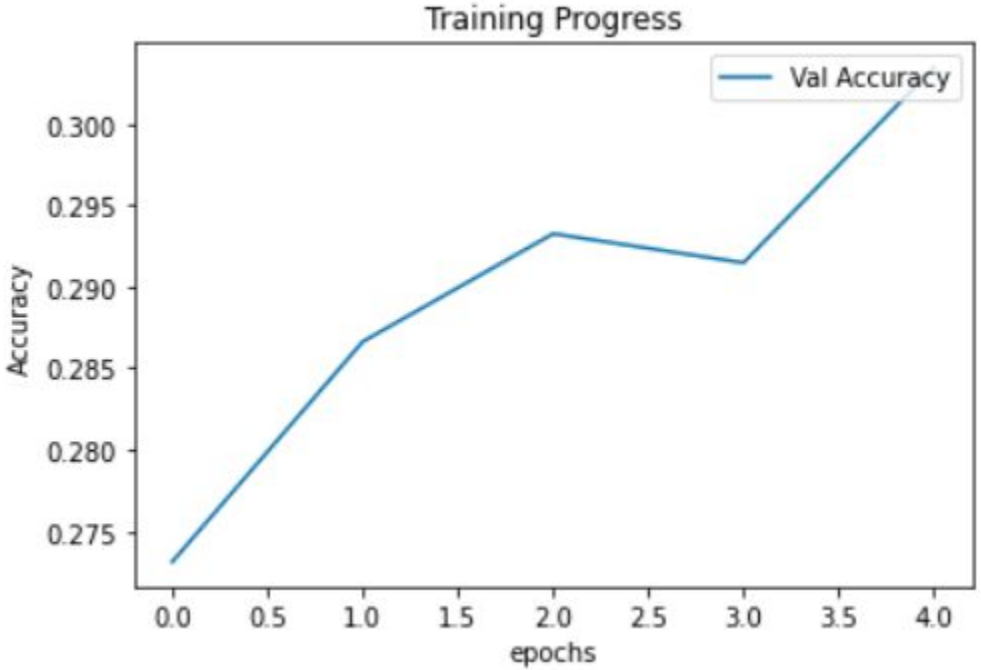

Training Progress
training Accuracy
validation accuracy
Accuracy
epochs
66
64
62
60
58
56
54
52
50
0
1
2
3
4
5
6
7
8

Training remarks

- The architecture is straightforward
- Training is fairly stable with smooth curves

Self supervised with Dino

Demo


Training Progress
Val Accuracy
0.300
0.295
0.290
0.285
0.280
0.275
Accuracy
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
epochs