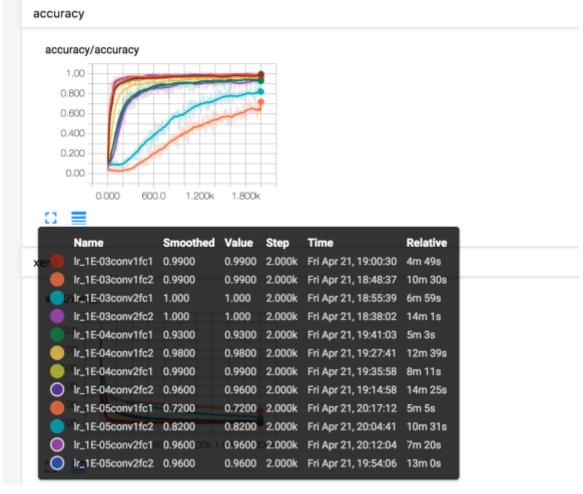
Analysis of Different configurations of Neural Networks for MNIST Dataset using TensorFlow:

Accuracy Graph:



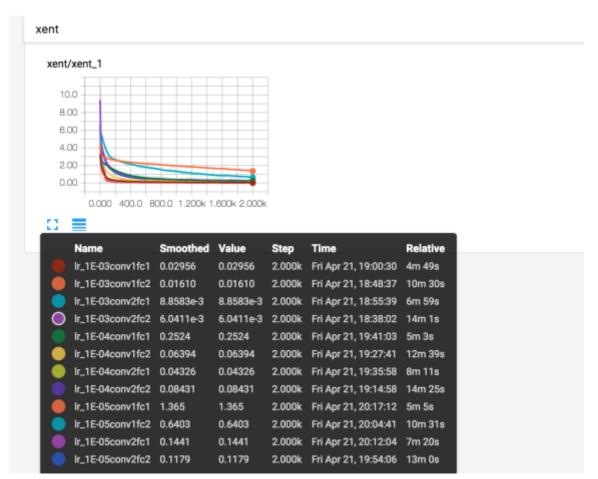
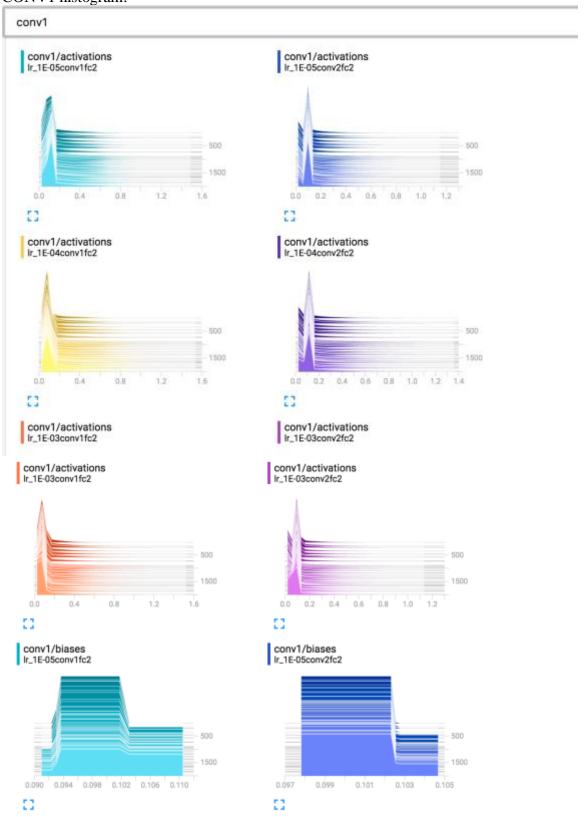
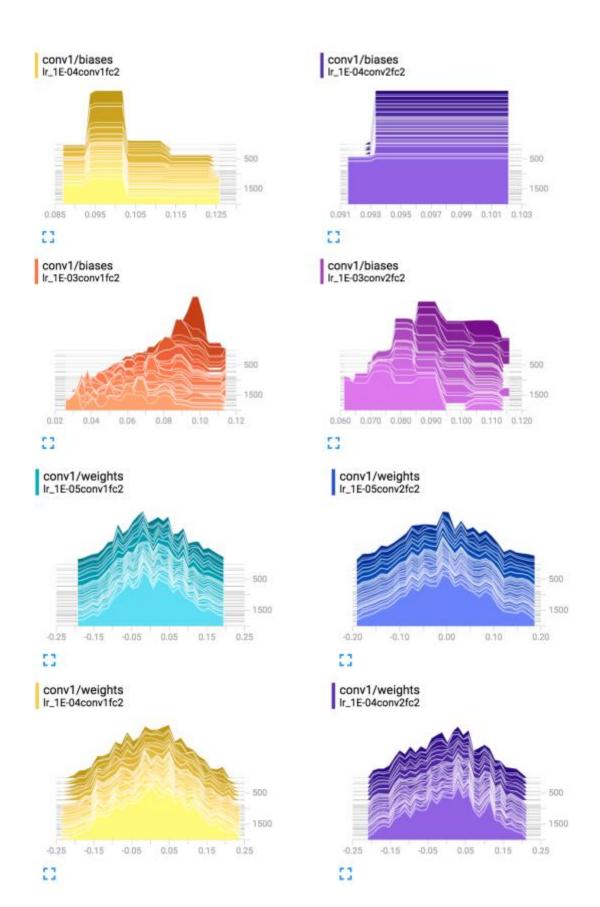


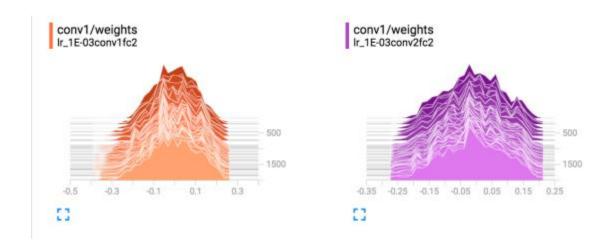
TABLE:

TABLE.			
Model	Execution Time	Final	Cross Entropy
		Accuracy(smoothed)	
Lr_1E-03conv1fc1	4m 49s	99%	0.2956
Lr_1E-03conv1fc2	10m 30s	99%	0.01610
Lr_1E-03conv2fc1	6m 59s	100%	8.8583e-3
Lr_1E-03conv2fc2	14m 1s	100%	6.0411e-3
Lr_1E-04conv1fc1	5m 3s	93%	0.2524
Lr_1E-04conv1fc2	12m 39s	98%	0.06394
Lr_1E-04conv2fc1	8m 11s	99%	0.04326
Lr_1E-04conv2fc2	14m 25s	96%	0.08431
Lr_1E-05conv1fc1	5m 5s	72%	1.365
Lr_1E-05conv1fc2	10m 31s	82%	0.6403
Lr_1E-05conv2fc1	7m 20s	96%	0.1441
Lr_1E-05conv2fc2	13m 0s	96%	0.1179

CONV1 histogram:







T-SNE:

