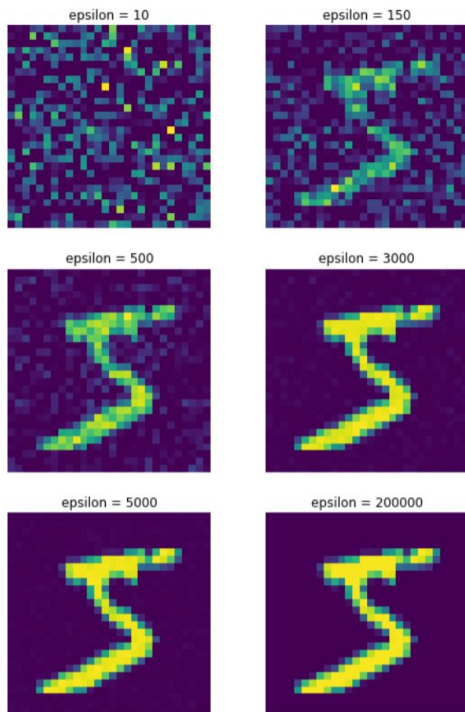
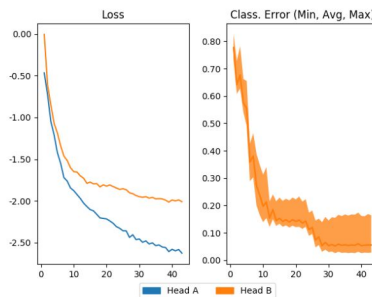


MNIST with Local DP

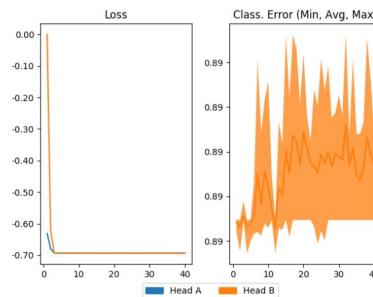
Max Green, Nicholas Hanoian, Sophie Hodson



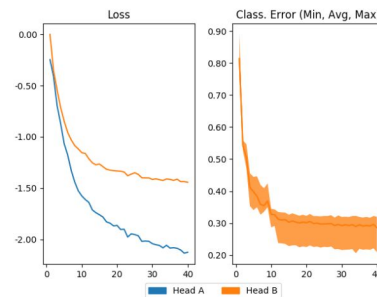
Noised input for various values of ϵ



IIC Model with raw data.

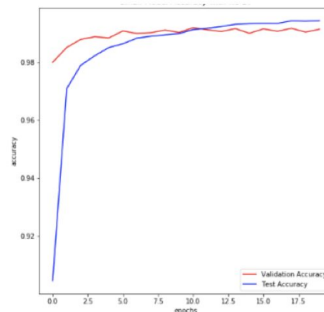


IIC Model with $\epsilon = 150$.

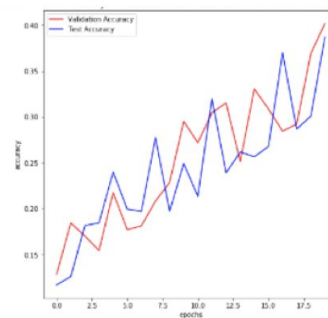


IIC Model with $\epsilon = 3000$.

Invariant Information Clustering Results



Shallow Neural Network No DP



Shallow Neural Network with Reclustered
Labels and $\epsilon = 2000$

CNN trained with local DP