

| Supervised Classifiers on Fashion-MNIST data: 60k Training data, 10k Testing data | | |
|---|--|----------|
| Classifiers | Parameters | Accuracy |
| Neural Nets | TensorFlow 3 Hidden layers: 500 >> 200 >> 100 Activations: Sigmoid | 0.8758 |
| Logistic Regression | Solver = 'lbfgs' | 0.8414 |
| SVM | Gamma = 0.1 Kernel = polynomial | 0.8775 |
| Unsupervised Classifiers on Fashion-MNIST data: 60k Training data, 10k Testing data | | |
| Classifiers | Parameters | Accuracy |
| K-Means | Clusters = 10 Feed into SVM for finding accuracy: Train data = KMeans of mnst train data Train label = MNIST train labels Test data = Kmeans of mnist test data Test labels = MNIST test labels | 0.56 |