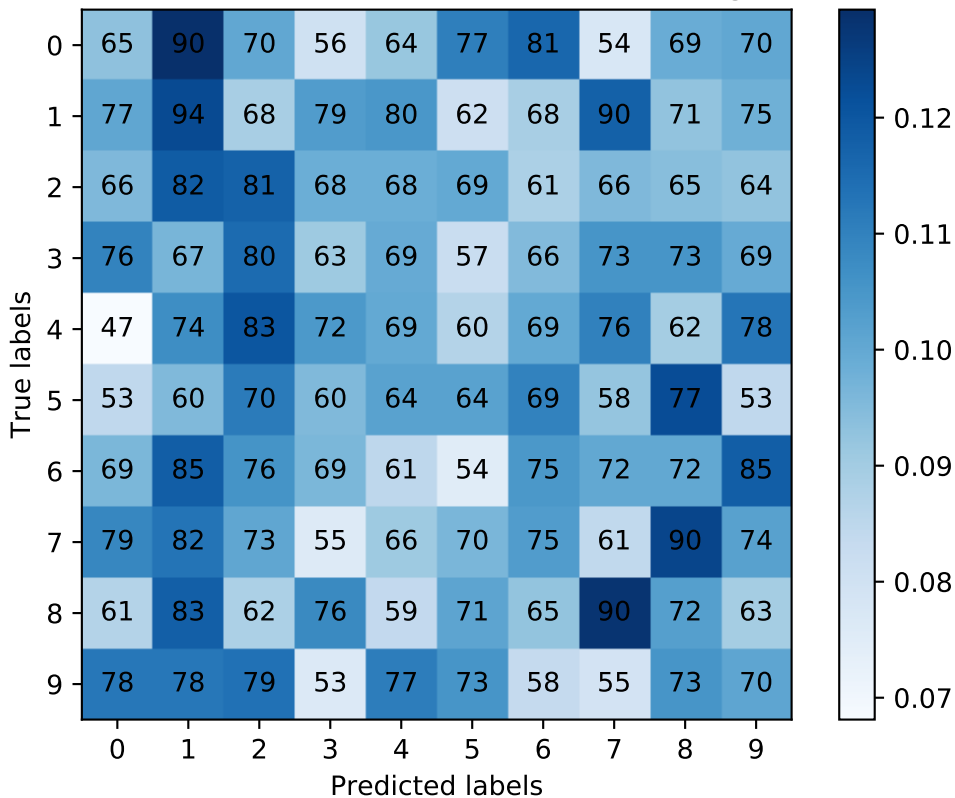


Classification report for RandomGuessing

	Precision	Recall	F1-score
0	0.10	0.09	0.10
1	0.12	0.12	0.12
2	0.11	0.12	0.11
3	0.10	0.09	0.09
4	0.10	0.10	0.10
5	0.10	0.10	0.10
6	0.11	0.10	0.11
7	0.09	0.08	0.09
8	0.10	0.10	0.10
9	0.10	0.10	0.10
weighted_avg	0.10	0.10	0.10

Accuracy for classifier RandomGuessing: 0.102

Confusion matrix for RandomGuessing



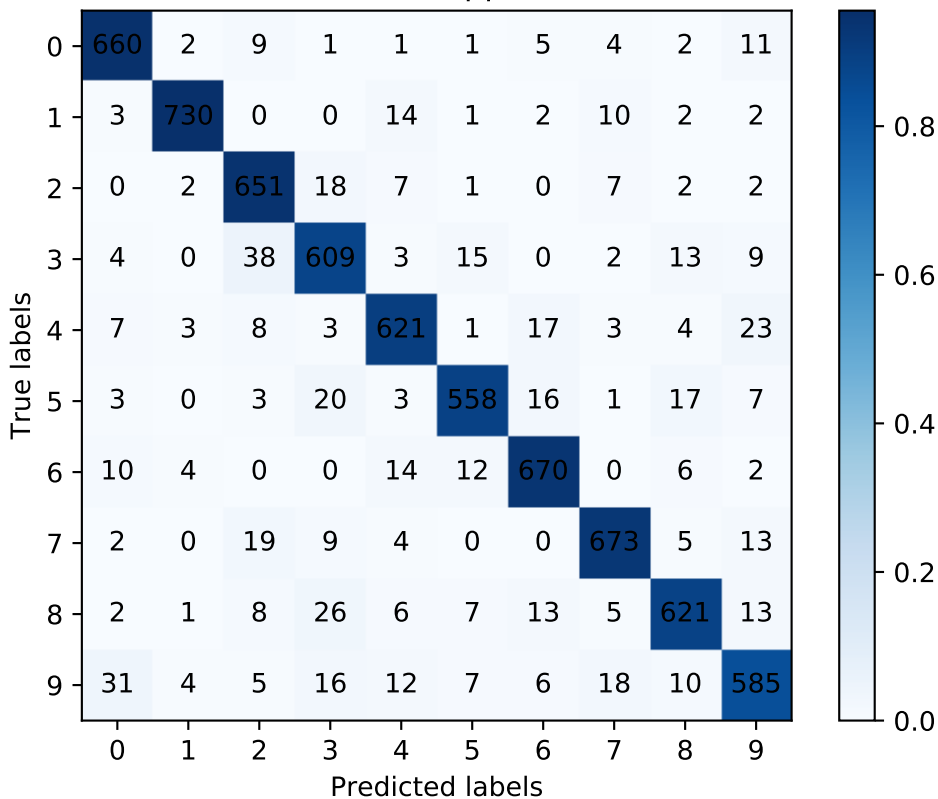
Classification report for SupportVectorMachine

	Precision	Recall	F1-score
0	0.91	0.95	0.93
1	0.98	0.96	0.97
2	0.88	0.94	0.91
3	0.87	0.88	0.87
4	0.91	0.90	0.90
5	0.93	0.89	0.91
6	0.92	0.93	0.93
7	0.93	0.93	0.93
8	0.91	0.88	0.90
9	0.88	0.84	0.86

weighted_avg	0.91	0.91	0.91
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Accuracy for classifier SupportVectorMachine: 0.9111428571428571

Confusion matrix for SupportVectorMachine

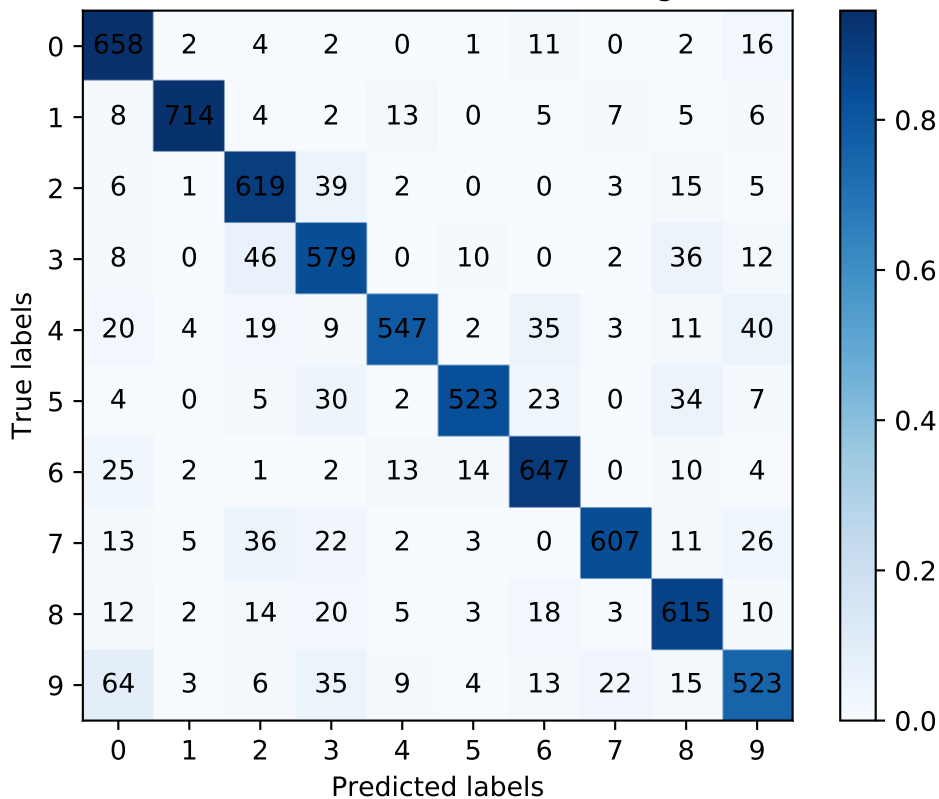


Classification report for k-NearestNeighbors

	Precision	Recall	F1-score
0	0.80	0.95	0.87
1	0.97	0.93	0.95
2	0.82	0.90	0.86
3	0.78	0.84	0.81
4	0.92	0.79	0.85
5	0.93	0.83	0.88
6	0.86	0.90	0.88
7	0.94	0.84	0.88
8	0.82	0.88	0.84
9	0.81	0.75	0.78
weighted_avg	0.87	0.86	0.86

Accuracy for classifier k-NearestNeighbors: 0.8617142857142858

Confusion matrix for k-NearestNeighbors



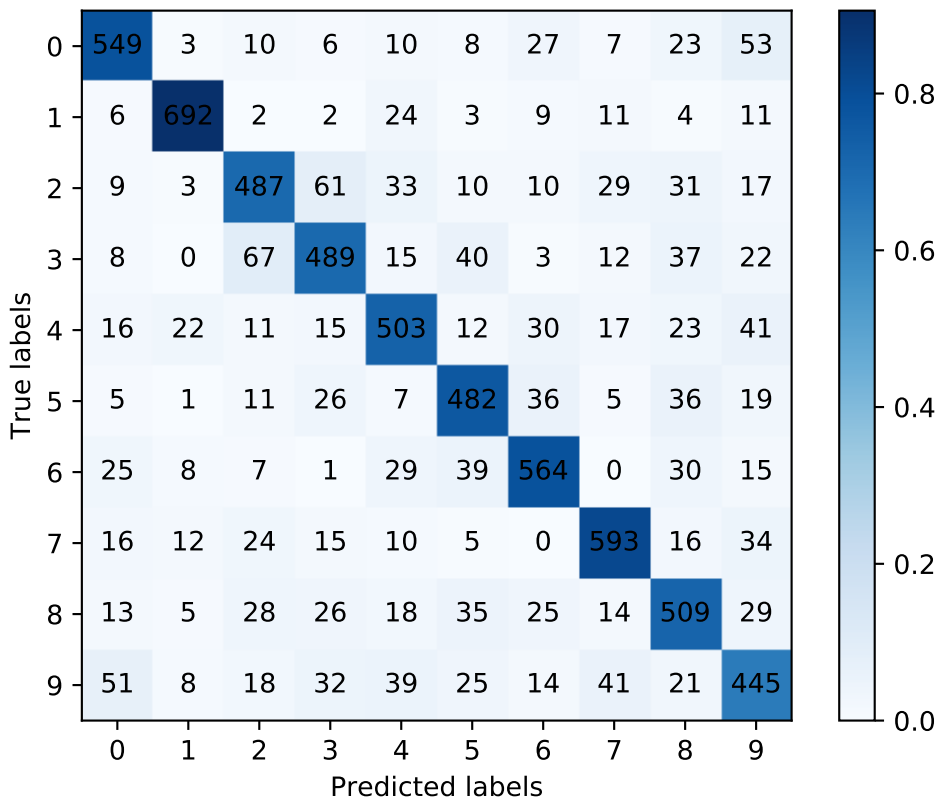
Classification report for DecisionTree

	Precision	Recall	F1-score
0	0.79	0.79	0.79
1	0.92	0.91	0.91
2	0.73	0.71	0.72
3	0.73	0.71	0.72
4	0.73	0.73	0.73
5	0.73	0.77	0.75
6	0.79	0.79	0.79
7	0.81	0.82	0.82
8	0.70	0.73	0.71
9	0.65	0.64	0.64

weighted_avg	0.76	0.76	0.76
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Accuracy for classifier DecisionTree: 0.759

Confusion matrix for DecisionTree

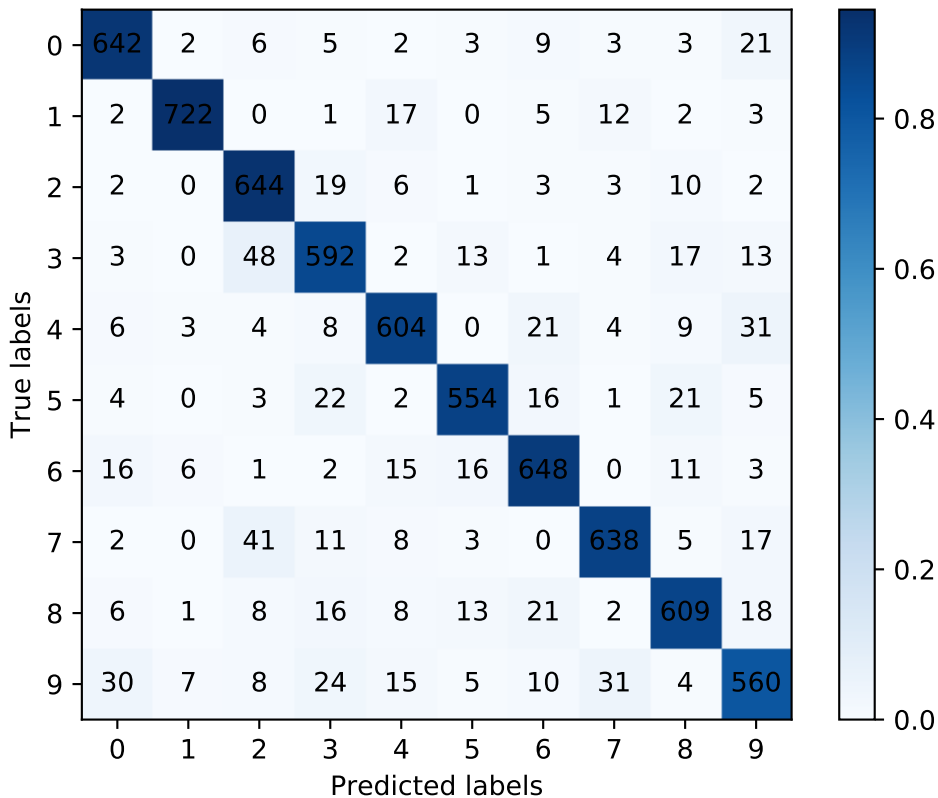


Classification report for RandomForest

	Precision	Recall	F1-score
0	0.90	0.92	0.91
1	0.97	0.95	0.96
2	0.84	0.93	0.89
3	0.85	0.85	0.85
4	0.89	0.88	0.88
5	0.91	0.88	0.90
6	0.88	0.90	0.89
7	0.91	0.88	0.90
8	0.88	0.87	0.87
9	0.83	0.81	0.82
weighted_avg	0.89	0.89	0.89

Accuracy for classifier RandomForest: 0.8875714285714286

Confusion matrix for RandomForest

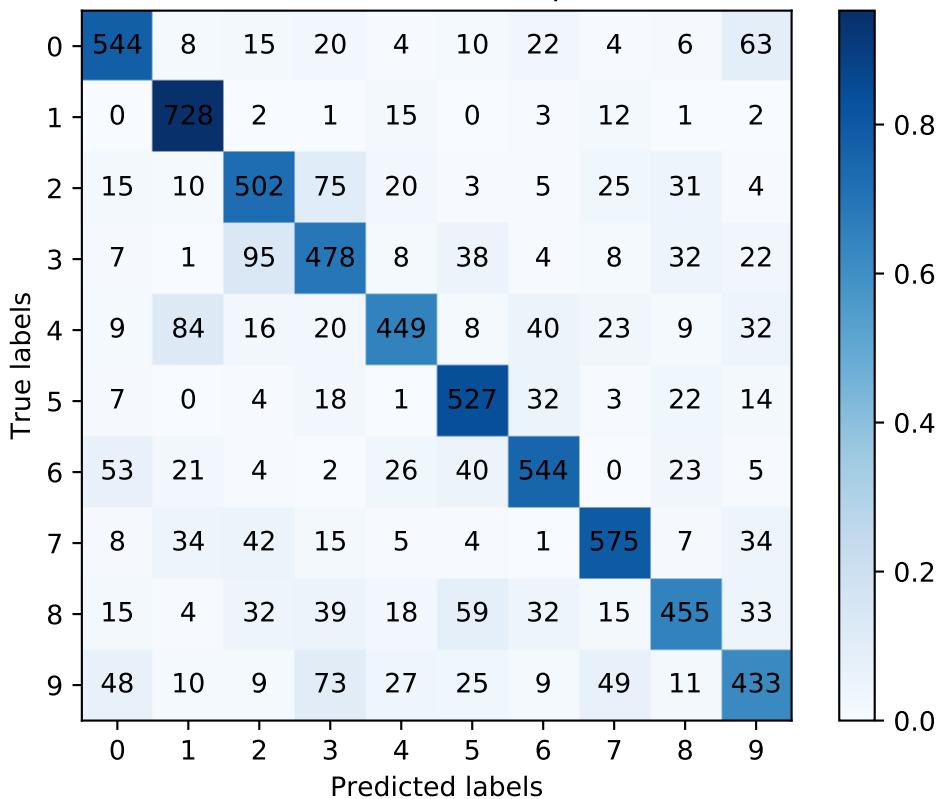


Classification report for AdaptiveBoost

	Precision	Recall	F1-score
0	0.77	0.78	0.78
1	0.81	0.95	0.87
2	0.70	0.73	0.71
3	0.65	0.69	0.67
4	0.78	0.65	0.71
5	0.74	0.84	0.79
6	0.79	0.76	0.77
7	0.81	0.79	0.80
8	0.76	0.65	0.70
9	0.67	0.62	0.65
weighted_avg	0.75	0.75	0.75

Accuracy for classifier AdaptiveBoost: 0.7478571428571429

Confusion matrix for AdaptiveBoost

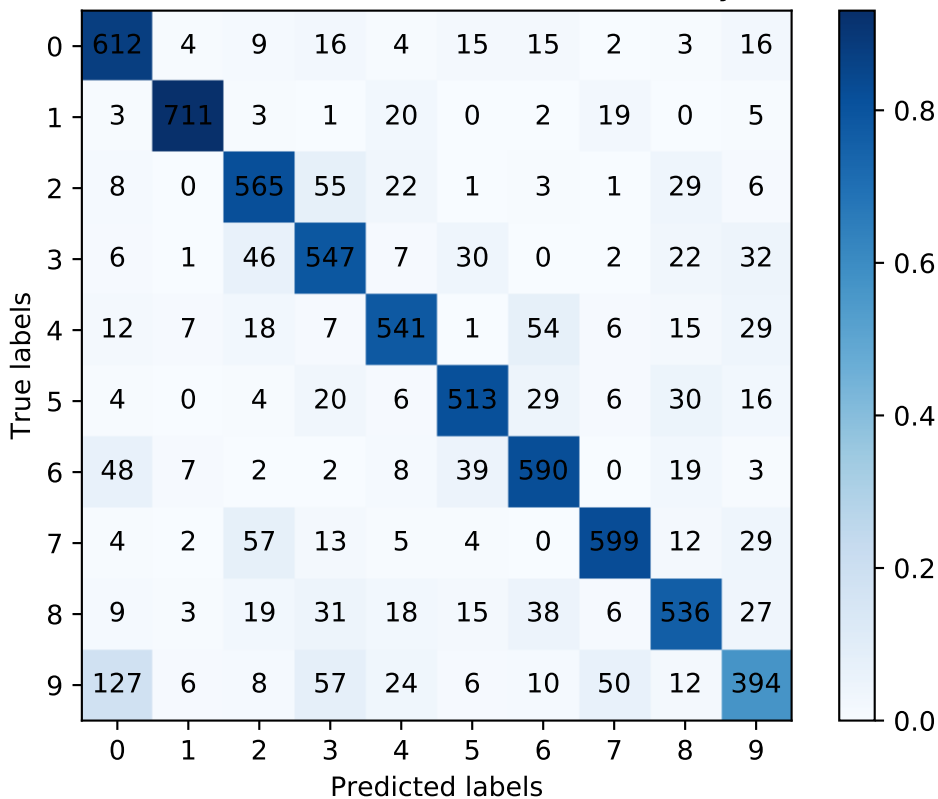


Classification report for GaussianNaiveBayes

	Precision	Recall	F1-score
0	0.73	0.88	0.80
1	0.96	0.93	0.94
2	0.77	0.82	0.80
3	0.73	0.79	0.76
4	0.83	0.78	0.80
5	0.82	0.82	0.82
6	0.80	0.82	0.81
7	0.87	0.83	0.85
8	0.79	0.76	0.78
9	0.71	0.57	0.63
weighted_avg	0.80	0.80	0.80

Accuracy for classifier GaussianNaiveBayes: 0.8011428571428572

Confusion matrix for GaussianNaiveBayes



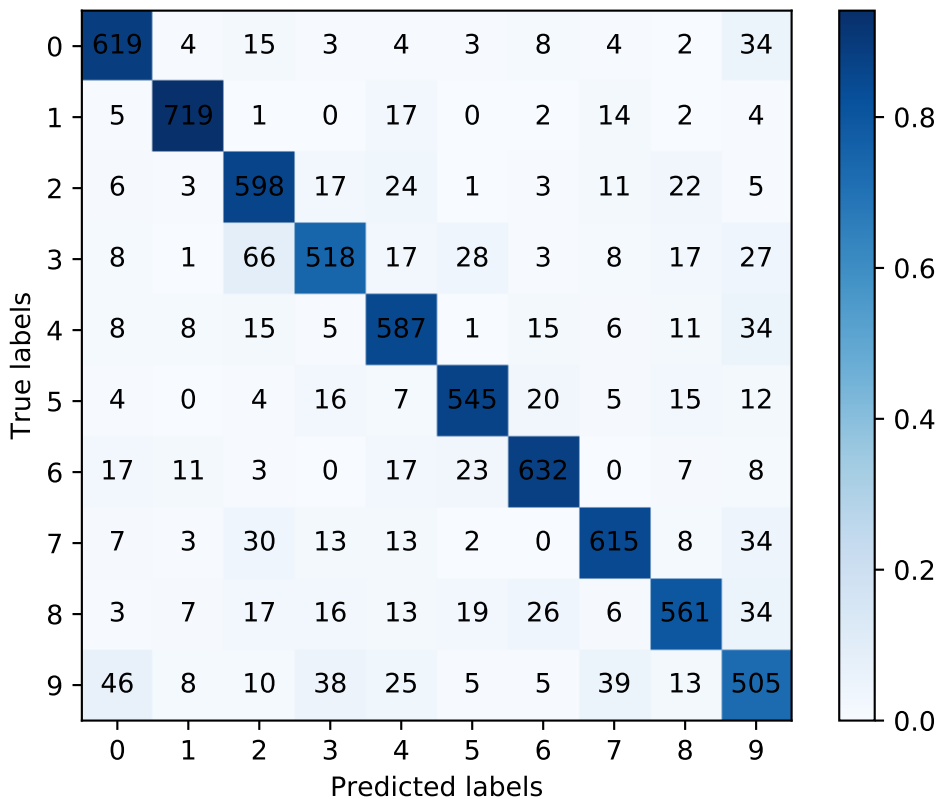
Classification report for StochasticGradientDescent

	Precision	Recall	F1-score
0	0.86	0.89	0.87
1	0.94	0.94	0.94
2	0.79	0.87	0.83
3	0.83	0.75	0.79
4	0.81	0.85	0.83
5	0.87	0.87	0.87
6	0.89	0.88	0.88
7	0.87	0.85	0.86
8	0.85	0.80	0.83
9	0.72	0.73	0.73

weighted_avg	0.84	0.84	0.84
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Accuracy for classifier StochasticGradientDescent: 0.8427142857142857

Confusion matrix for StochasticGradientDescent

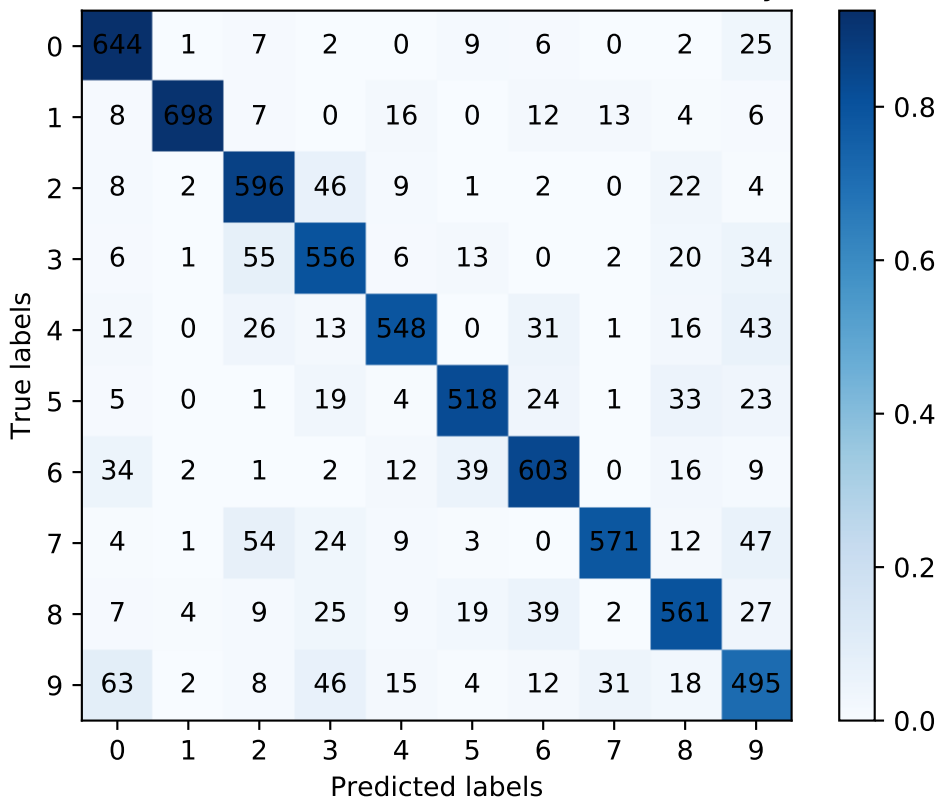


Classification report for LinearDiscriminantAnalysis

	Precision	Recall	F1-score
0	0.81	0.93	0.87
1	0.98	0.91	0.95
2	0.78	0.86	0.82
3	0.76	0.80	0.78
4	0.87	0.79	0.83
5	0.85	0.82	0.84
6	0.83	0.84	0.83
7	0.92	0.79	0.85
8	0.80	0.80	0.80
9	0.69	0.71	0.70
weighted_avg	0.83	0.83	0.83

Accuracy for classifier LinearDiscriminantAnalysis: 0.8271428571428572

Confusion matrix for LinearDiscriminantAnalysis

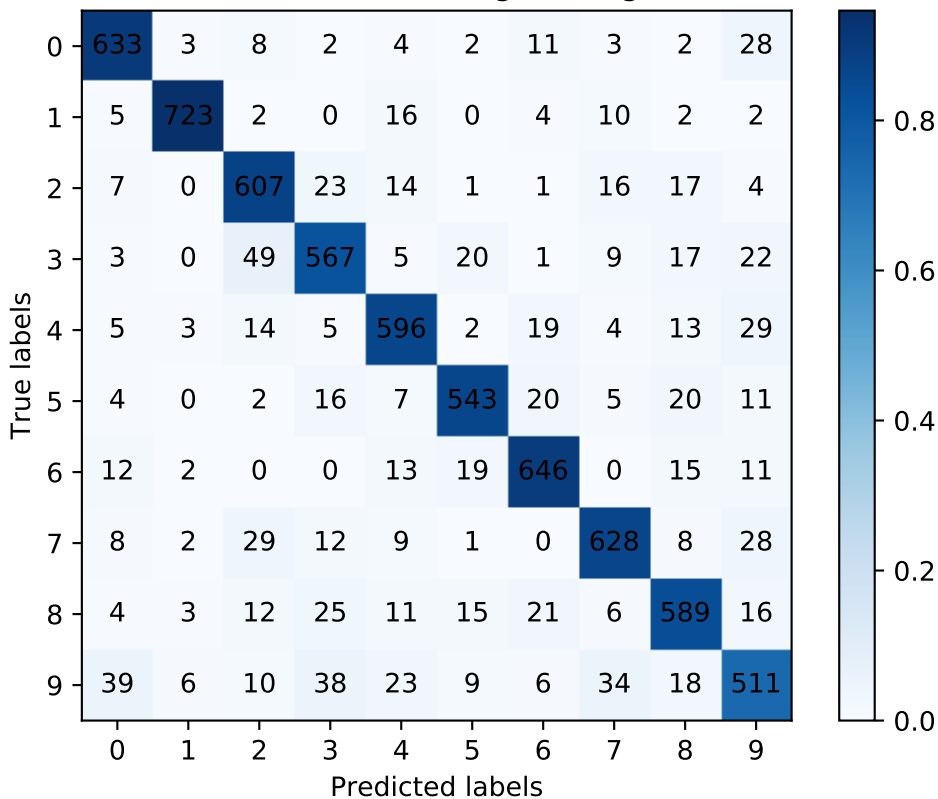


Classification report for LogisticRegression

	Precision	Recall	F1-score
0	0.88	0.91	0.89
1	0.97	0.95	0.96
2	0.83	0.88	0.85
3	0.82	0.82	0.82
4	0.85	0.86	0.86
5	0.89	0.86	0.88
6	0.89	0.90	0.89
7	0.88	0.87	0.87
8	0.84	0.84	0.84
9	0.77	0.74	0.75
weighted_avg	0.86	0.86	0.86

Accuracy for classifier LogisticRegression: 0.8632857142857143

Confusion matrix for LogisticRegression



Classification report for MultilayerPerceptron

	Precision	Recall	F1-score
0	0.92	0.94	0.93
1	0.96	0.95	0.95
2	0.87	0.92	0.90
3	0.88	0.85	0.86
4	0.89	0.90	0.90
5	0.90	0.90	0.90
6	0.93	0.89	0.91
7	0.95	0.89	0.92
8	0.89	0.89	0.89
9	0.83	0.87	0.85
weighted_avg	0.90	0.90	0.90

Accuracy for classifier MultilayerPerceptron: 0.9014285714285715

Confusion matrix for MultilayerPerceptron

