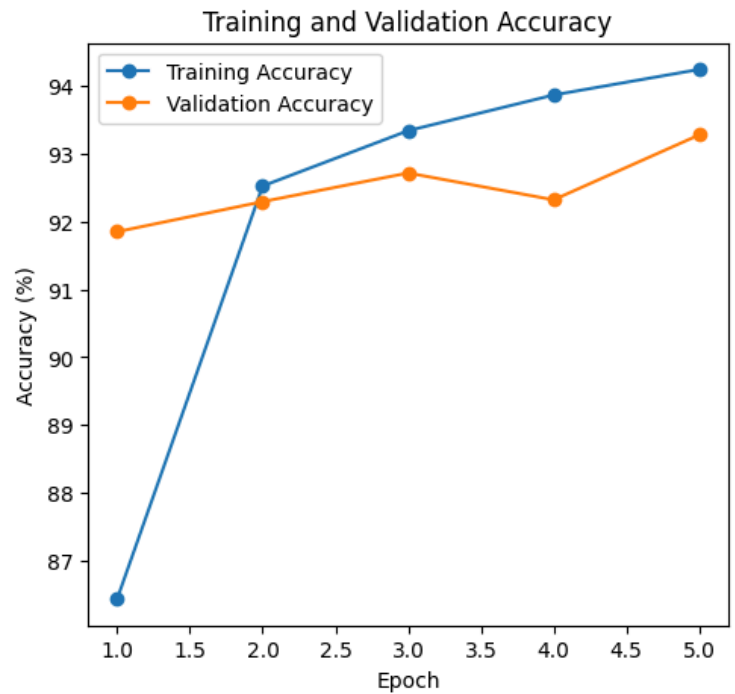
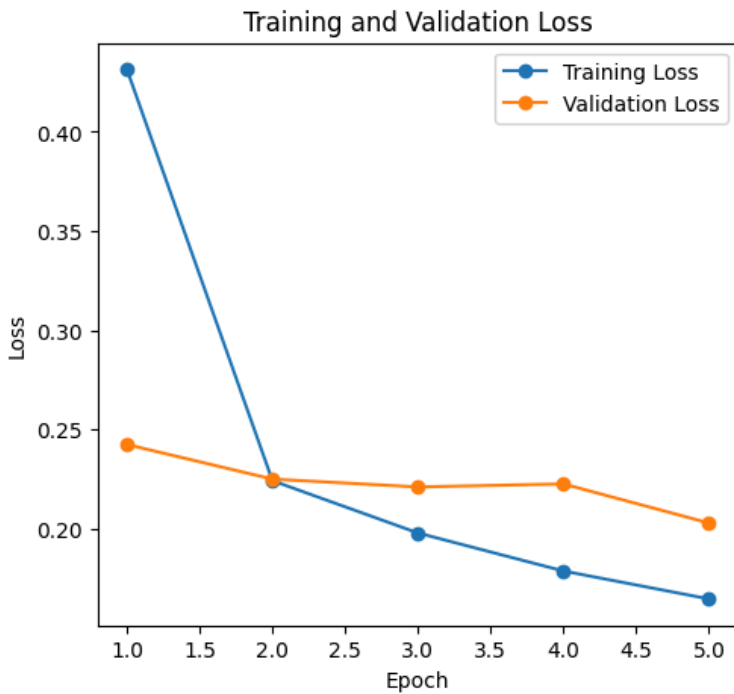


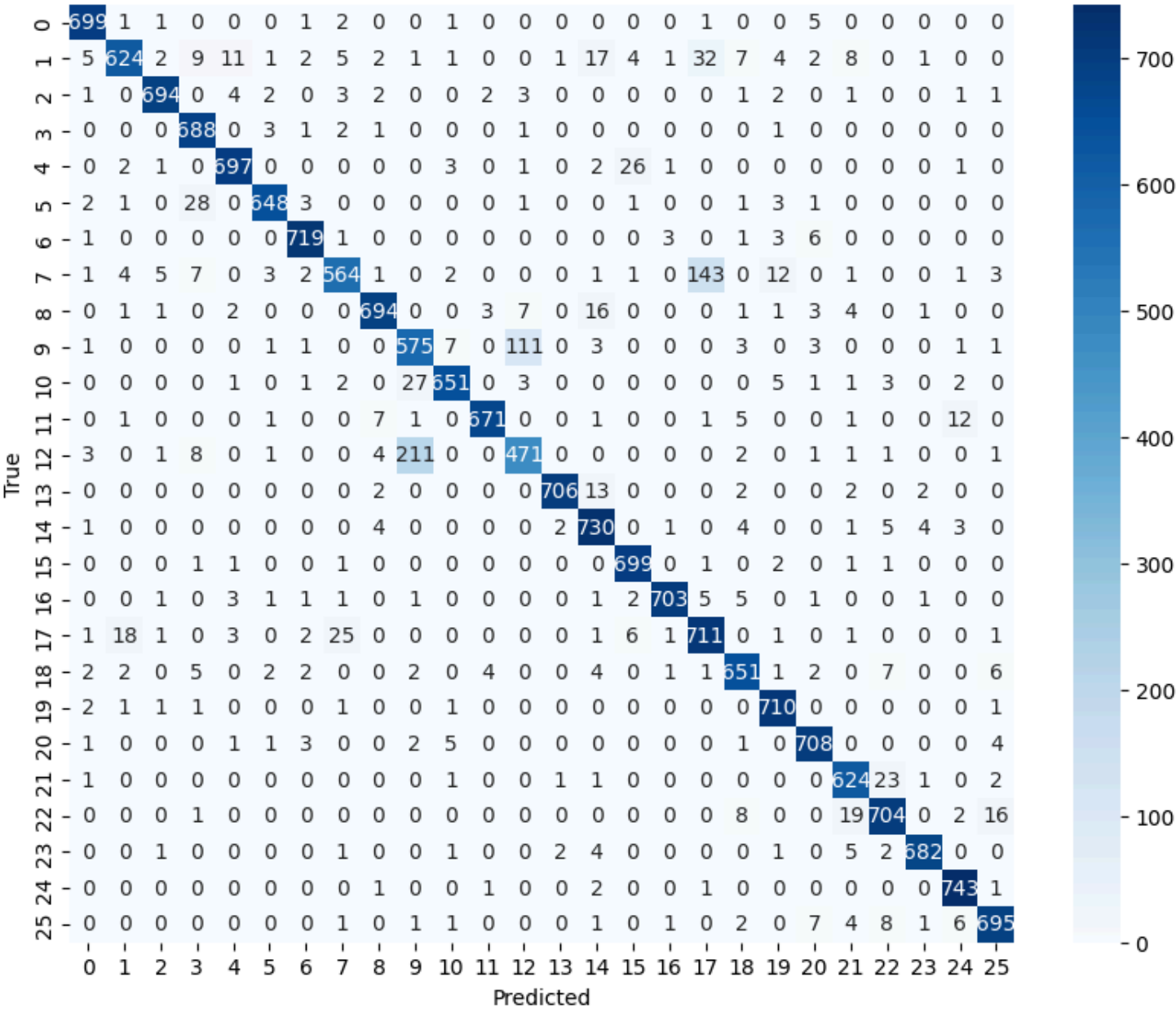
Learning Rate 5E - 3

Passover	Training Loss	Validation Loss	Training Accuracy	Validation Accuracy	Macro - F1
1	0.4314	0.2425	86.44%	91.85%	0.9187
2	0.2243	0.2251	92.52%	92.29%	0.9234
3	0.1980	0.2211	93.34%	92.71%	0.9270
4	0.1788	0.2227	93.86%	92.32%	0.9225
5	0.1648	0.2030	94.24%	93.27%	0.9326

Here the average F1 score is 0.92484.



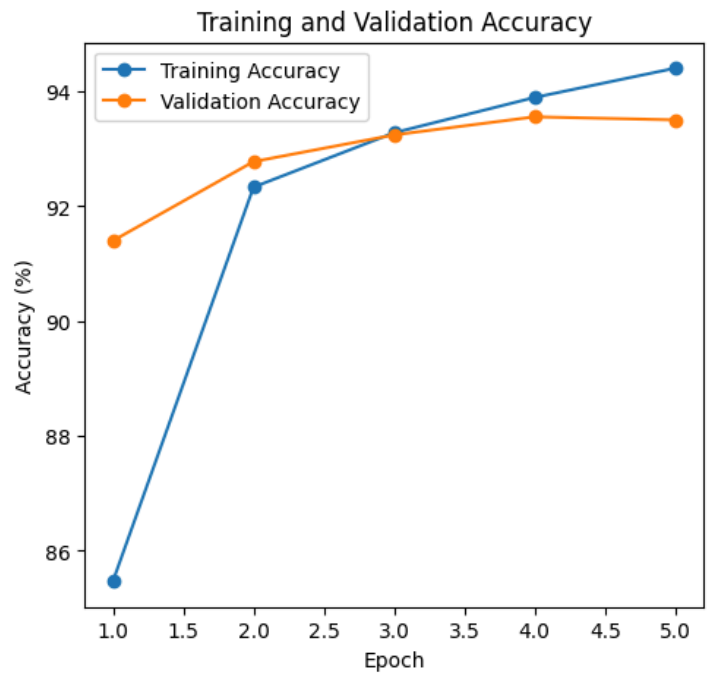
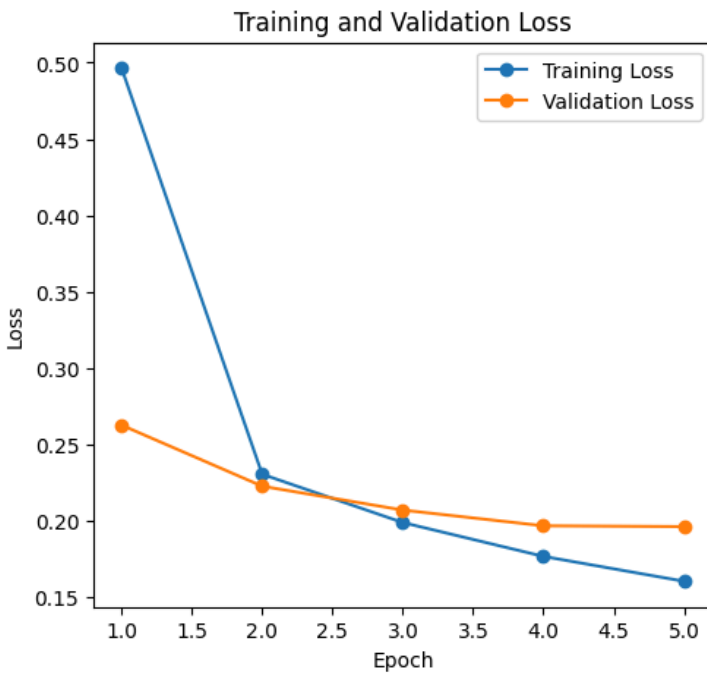
Confusion Matrix

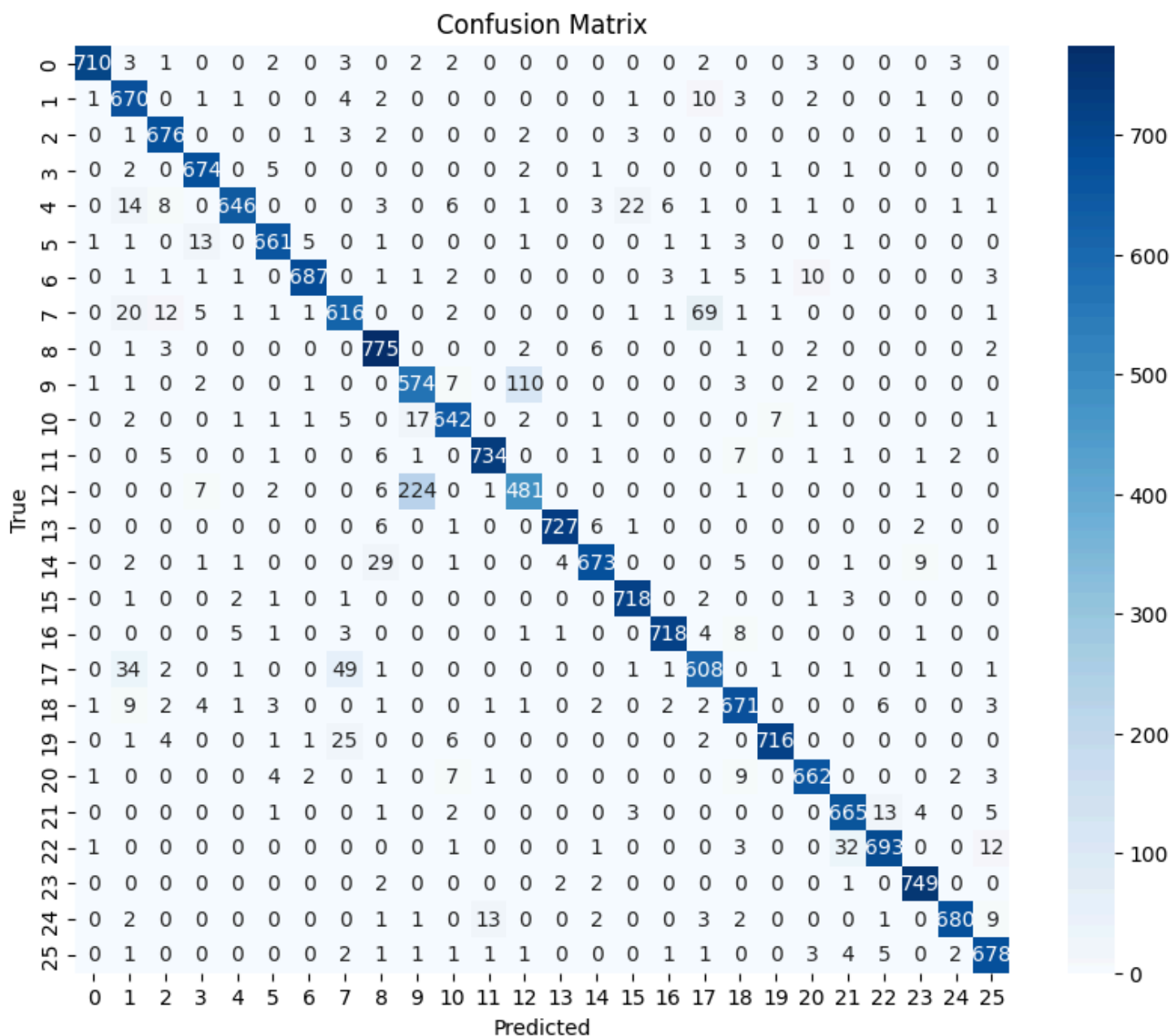


Learning Rate 1E - 3

Passover	Training Loss	Validation Loss	Training Accuracy	Validation Accuracy	Macro - F1
1	0.4964	0.2628	85.47%	91.40%	0.9123
2	0.2307	0.2228	92.33%	92.78%	0.9274
3	0.1990	0.2072	93.28%	93.24%	0.9320
4	0.1769	0.1969	93.90%	93.56%	0.9351
5	0.1606	0.1964	94.41%	93.50%	0.9346

Here the average F1 score is 0.92828.





F1 score of 1E - 3 is better, its test accuracy is 89.72%.