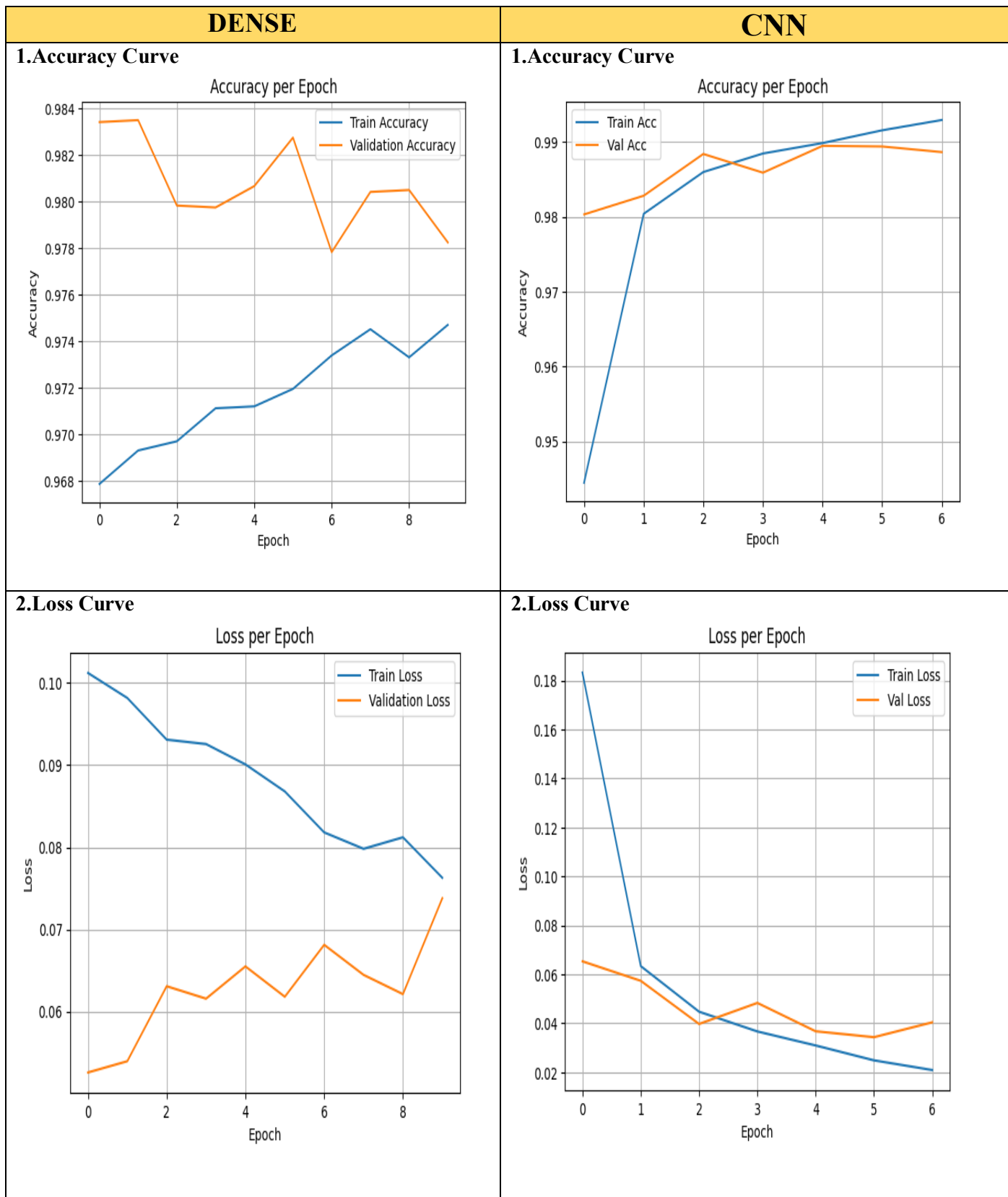


MNIST Digit Classification: Dense vs CNN



CLASSIFICATION REPORTS

1. Dense

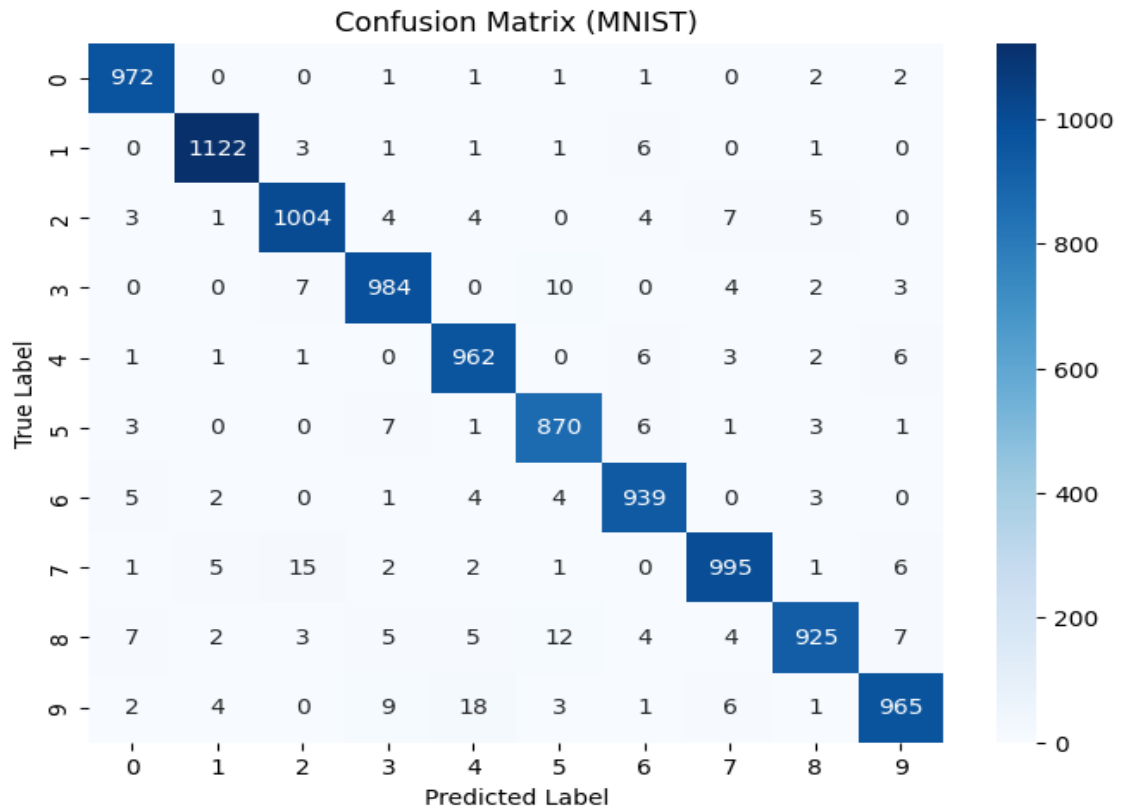
	precision	recall	f1-score	support
0	0.98	0.99	0.98	980
1	0.99	0.99	0.99	1135
2	0.97	0.97	0.97	1032
3	0.97	0.97	0.97	1010
4	0.96	0.98	0.97	982
5	0.96	0.98	0.97	892
6	0.97	0.98	0.98	958
7	0.98	0.97	0.97	1028
8	0.98	0.95	0.96	974
9	0.97	0.96	0.97	1009
accuracy			0.97	10000
macro avg	0.97	0.97	0.97	10000
weighted avg	0.97	0.97	0.97	10000

2. CNN

	precision	recall	f1-score	support
0	0.99	1.00	0.99	980
1	0.99	1.00	1.00	1135
2	0.99	0.99	0.99	1032
3	0.99	1.00	0.99	1010
4	1.00	0.98	0.99	982
5	0.99	0.98	0.99	892
6	0.99	0.99	0.99	958
7	0.99	0.99	0.99	1028
8	0.99	0.99	0.99	974
9	0.98	0.99	0.99	1009
accuracy			0.99	10000
macro avg	0.99	0.99	0.99	10000
weighted avg	0.99	0.99	0.99	10000

CONFUSION MATRIX

1. Dense



2. CNN

