

Model Selection – Performance Metrics

	Accuracy	Precision	Recall	F1_Score
	DBI - DBII	DBI - DBII	DBI - DBII	DBI - DBII
LeNet	56.84% - 57.44%	48.38% - 32.99%	56.84% - 57.44%	49.10% - 41.91%
MINST	59.94% - 57.44%	37.53% - 32.99%	59.94% - 57.44%	45.92% - 41.91%
SilCamNet	93.79% - 83.95%	93.97% - 83.90%	93.79% - 83.95%	93.78% - 83.76%
COAPNet	95.09% - 82.99%	95.16% - 83.49%	95.09% - 82.99%	95.09% - 83.06%
OxfordNet	93.28% - 83.51%	93.50% - 83.51%	93.28% - 83.51%	93.31% - 83.44%
AlexNet	91.21% - 57.44%	92.07% - 32.99%	91.21% - 57.44%	91.17% - 41.91%
VGGNet	93.54% -	93.76% -	93.54% -	93.44% -
PlankNet	93.54% -	93.57% -	93.54% -	93.48% -
GoogleNet	82.68 % -	84.71% -	82.68% -	81.96% -
ResNet	91.98% - 85.37%	92.03% - 85.32%	91.98% - 85.37%	91.91% - 85.11%
ResNeXt	92.24% - 83.80%	92.63% - 84.40%	92.24% - 83.80%	92.21% - 82.68%