

Decision Tree on Car Evaluation Dataset

Results

Split Ratio	Dataset Size	Trainset Size	Test set Size	Iterations	Mean Accuracy	Standard Deviation
0.1	1728	172	1555	20	0.804692	0.000483405
0.2	1728	345	1382	20	0.849602	0.000205418
0.3	1728	518	1209	20	0.880496	0.000092575
0.4	1728	691	1036	20	0.894166	0.000114926
0.5	1728	864	864	20	0.903356	0.0001284
0.6	1728	1036	691	20	0.91026	0.000123187
0.7	1728	1209	518	20	0.927649	0.000237776
0.8	1728	1382	345	20	0.938584	0.000207053
0.9	1728	1555	172	20	0.945087	0.000462762