Data Mining: K Nearest Neighbors Classification - Prediction of Training Data

Output Navigator	
<u>Inputs</u>	PMML Model
Validation: Charts	Validation: Classification Summary

Training: Classification Summary

Confusion Matrix			
Actual\Predicted	0	1	
0		43	15
1		7	76

Error Report			
Class	# Cases	# Errors	
0		58	15
1		83	7
Overall		141	22

Metrics	
Metric	Value
Accuracy (#correct)	119
Accuracy (%correct)	84.39716312
Specificity	0.74137931
Sensitivity (Recall)	0.915662651
Precision	0.835164835
F1 score	0.873563218
Success Class	1
Success Probability	0.5

Training: Classification Details

Record ID	Treated ISHIGHVAL	Prediction: Treated ISHIGHVAL
Record 1	1	1
	1	1
Record 5	1	1
Record 8	0	1
Record 15	0	0
Record 18	0	0
Record 20	0	0
Record 21	0	0
Record 22	0	0
Record 25	1	1

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Record 26	1	1
Record 28	1	1
Record 29	1	1
Record 32	0	0
Record 35	1	1
Record 37	1	1
Record 47	0	1
Record 48	1	1
Record 49	1	1
Record 54	1	1
Record 56	1	1
Record 57	1	1
Record 59	1	1
Record 60	1	1
Record 61	1	1
Record 62	1	1
Record 65	1	1
Record 66	1	1
Record 68	0	1
Record 73	0	0
Record 81	0	0
Record 82	0	0
Record 83	0	0
Record 84	0	0
Record 88	0	0
Record 91	0	0
Record 92	0	0
Record 95	1	0
Record 98	1	1
Record 108	1	1
Record 109	1	1
Record 112	1	1
Record 114	1	1
Record 118	1	1
Record 119	0	0
Record 122	1	1
Record 123	1	1
Record 129	1	1
Record 133	1	1
Record 134	1	1
Record 136	1	1
Record 142	1	1
Record 143	1	1
Record 148	1	1
Record 153	1	1
Record 157	1	1
Record 159	1	1

Record 161	1	1
Record 164	1	1
Record 167	1	1
Record 169	1	1
Record 179	0	1
Record 182	1	1
Record 187	0	1
Record 188	1	1
Record 189	1	1
Record 190	0	1
Record 192	0	1
Record 193	0	0
Record 196	1	1
Record 200	1	1
Record 201	1	1
Record 202	1	1
Record 209	1	0
Record 210	0	0
Record 211	0	0
Record 212	0	0
Record 215	0	0
Record 217	0	0
Record 219	0	0
Record 220	1	0
Record 230	0	0
Record 232	0	0
Record 234	1	0
Record 239	0	0
Record 241	0	1
Record 244	0	0
Record 249	0	1
Record 254	0	0
Record 261	1	0
Record 262	0	0
Record 263	0	0
Record 266	1	1
Record 267	0	0
Record 270	1	1
Record 272	1	1
Record 274	0	0
Record 277	0	1
Record 278	1	1
Record 280	1	0
Record 250	0	0
Record 113	1	1
Record 174	1	1
Record 23	0	0

Record 156	Record 97	1	1
Record 1128			
Record 115			
Record 269 1 1 1 1 1 Record 205 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Record 205 Record 146 Record 146 Record 45 Record 141 Record 141 Record 150 Record 150 Record 150 Record 150 Record 256 Record 266 Record 271 Record 266 Record 271 Record 271 Record 271 Record 266 Record 271 Record 271 Record 266 Record 271 Record 266 Record 271 R			
Record 146			
Record 45 Record 141 Record 150 Record 132 Record 256 Record 246 Record 120 Record 33 Record 181 Record 110 Record 171 Record 166 Record 166 Record 185 Record 185 Record 240 Record 185 Record 240 Record 185 Record 42 Record 42 Record 42 Record 489 Record 89 Record 100 Record 100 Record 100 Record 100 Record 100 Record 264 Record 276 Record 100 Record 100 Record 100 Record 100 Record 100 Record 240 Record 30 Record 100 Record 76 Record 100 Record 11 Record 11 Record 11 Record 11 Record 11 Record 11 Record 244 Record 244 Record 11 Record 11 Record 11 Record 11 Record 11 Record 244 Record 11 Record 244 Record 11 Record 11 Record 11 Record 244 Record 244 Record 244 Record 244 Record 244 Record 244 Record 11 Record 244 Record 344 Record			
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Record 16 0 0 Record 100 1 1 Record 80 0 0 Record 78 0 0 Record 264 0 0 Record 76 0 0 Record 186 1 1 Record 12 1 1 Record 11 0 0 Record 41 1 1 Record 71 1 0 Record 24 0 1	Record 242	0	0
Record 100 1 1 Record 80 0 0 Record 78 0 0 Record 264 0 0 Record 76 0 0 Record 186 1 1 Record 12 1 1 Record 11 0 0 Record 41 1 1 Record 71 1 0 Record 24 0 1	Record 89	0	0
Record 80 0 0 Record 78 0 0 Record 264 0 0 Record 76 0 0 Record 186 1 1 Record 12 1 1 Record 11 0 0 Record 41 1 1 Record 71 1 0 Record 24 0 1	Record 16	0	0
Record 78 0 0 Record 264 0 0 Record 76 0 0 Record 186 1 1 Record 12 1 1 Record 11 0 0 Record 41 1 1 Record 71 1 0 Record 24 0 1	Record 100	1	1
Record 264 0 0 Record 76 0 0 Record 186 1 1 Record 12 1 1 Record 11 0 0 Record 41 1 1 Record 71 1 0 Record 24 0 1	Record 80	0	0
Record 76 0 0 Record 186 1 1 Record 12 1 1 Record 11 0 0 Record 41 1 1 Record 71 1 0 Record 24 0 1	Record 78	0	0
Record 186 1 1 Record 12 1 1 Record 11 0 0 Record 41 1 1 Record 71 1 0 Record 24 0 1	Record 264	0	0
Record 12 1 Record 11 0 Record 41 1 1 1 Record 71 1 0 0 Record 24 0	Record 76	0	0
Record 11 0 Record 41 1 1 1 Record 71 1 Record 24 0	Record 186	1	1
Record 41 1 1 Record 71 1 0 Record 24 0 1	Record 12	1	1
Record 71 1 Record 24 0 1 1	Record 11	0	0
Record 24 0 1	Record 41	1	
	Record 71	1	0
Record 145 1 1			
	Record 145	1	1

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Training: Charts	Training: Classification	Training: Classification
Validation: Classification Details		

% Error

25.86206897 8.43373494 15.60283688

PostProb: 0	PostProb: 1
0	1
0.25	0.75
0.25	0.75
1	0
1	0
1	0
1	0
1	0
0.25	0.75

0	1
0	1
0	1
0.75	0.25
0.25	0.75
0	1
0.25	0.75
0	1
0	1
0.25	0.75
0	1
0	1
0.25	0.75
0.25	0.75
0.5	0.5
0.25	0.75
0.25	0.75
0.25	0.75
0.75	0.25
1	0
1	0
1	0
1	0
1	0
1	0
0.75	0.25
0.75	0.25
0	1
0	1
0	1
0	1
0	1
0.25	0.75
1	0
0	1
0.25	0.75
0	1
0.25	0.75
0	1
0	0.5
0.5	
0.25	0.75
0	1 1
0	1
0	1
U	1

0	1
0.25	0.75
0	1
0	1
0.25	0.75
0	1
0.5	0.5
0.25	0.75
0.5	0.5
0.5	0.5
0.5	0.5
0.75	0.25
0	1
0.5	0.5
0.5	0.5
0.25	0.75
0.75	0.25
0.75	0.25
1	0
1	0
0.75	0.25
1	0
0.75	0.25
0.75	0.25
1	0
1	0
0.75	0.25
0.75	0.25
0.5	0.5
1	0
0.5	0.5
0.75	0.25
0.75	0.25
0.75	0.25
1	0
0.25	0.75
0.75	0.25
0.25	0.75
0.25	0.75
1	0
0.5	0.5
0.25	0.75
0.75	0.25
1	0
0	1
0	1
1	0

0	1
0	1
0	1
0	1
0.25	0.75
0.25	0.75
0	1
0	1
0.5	0.5
0.25	0.75
0	1
0.5	0.5
0.75	0.25
0	1
0.5	0.5
0.25	0.75
0	1
0.25	0.75
0.25	0.75
0	1
0.75	0.25
0	1
0.25	0.75
0.75	0.25
1	0
0.75	0.25
0	1
1	0
1	0
0.75	0.25
1	0
0.25	0.75
0.25	0.75
0.75	0.25
0.25	0.75 0.25
0.75	
0.5	0.5
0	1

Date: 27-Mar-2023 11:41:19

Elapsed Times in Milliseconds				
Data Reading Time	lgorithm Tin	Report Time	Total	
6	2	23	31	