

```
1  *-----*
2  User:                adhanab
3  Date:                November 14, 2019
4  Time:                12:47:33
5  *-----*
6  * Training Output
7  *-----*
8
9
10
11
12 Variable Summary
13
14           Measurement      Frequency
15 Role           Level        Count
16
17 ID             INTERVAL      1
18 INPUT          INTERVAL      2
19 INPUT          NOMINAL        4
20 REJECTED       INTERVAL      1
21 REJECTED       NOMINAL      10
22 TARGET         BINARY         1
23 TEXT           NOMINAL        2
24 TIMEID         INTERVAL      1
25
26
27
28
29 Model Events
30
31                                     Number
32           Measurement      of
33 Target      Event      Level      Levels      Order      Label
34
35 Disposition  NOT JUSTIFIED  BINARY      2      Descending  Dispositi
on
36
37
38
39
40 Predicted and decision variables
41
42 Type           Variable              Label
43
```

44 TARGETDispositionDisposition

45 PREDICTEDP_DispositionNot_JustifiedPredicted: Disposition=Not Justified

46 RESIDUALR_DispositionNot_JustifiedResidual: Disposition=Not Justified

47 PREDICTEDP_DispositionJustifiedPredicted: Disposition=Justified

48 RESIDUALR_DispositionJustifiedResidual: Disposition=Justified

49 FROMF_DispositionFrom: Disposition

50 INTOI_DispositionInto: Disposition

51

52

53 *-----*

54 * Score Output

55 *-----*

56

57

58 *-----*

59 * Report Output

60 *-----*

61

62

63

64 Variable Importance

65

66 R

67 atio ofNumber ofVal

68 idationSplittingValidationto T

69 Variable rainingImportanceImportanceImp

70 NameLabelRulesImportanceImportanceImp

71 RaceRace11.00001.0000

72 StateState30.93340.9070

73

74

75

76 Tree Leaf Report

77

78 TrainingValidation

79 NodeTrainingPercent NOTValidationPercent NOT

80 IdDepthObservationsJUSTIFIEDObservationsJUSTIFIED

81

82	4	2	4147	0.61	1799	0.62
83	5	2	2648	0.42	1108	0.41
84	7	2	1276	0.18	560	0.18
85	11	3	785	0.35	329	0.33
86	10	3	289	0.55	125	0.54
87						
88						
89						
90						
91	Fit Statistics					
92						
93	Target=Disposition Target Label=Disposition					
94						
95	Fit					
96	Statistics	Statistics Label		Train	Validation	
97						
98	_NOBS_	Sum of Frequencies		9145.00	3921.00	
99	_MISC_	Misclassification Rate		0.37	0.36	
100	_MAX_	Maximum Absolute Error		0.82	0.82	
101	_SSE_	Sum of Squared Errors		4134.08	1753.93	
102	_ASE_	Average Squared Error		0.23	0.22	
103	_RASE_	Root Average Squared Error		0.48	0.47	
104	_DIV_	Divisor for ASE		18290.00	7842.00	
105	_DFT_	Total Degrees of Freedom		9145.00	.	
106						
107						
108						
109						
110	Classification Table					
111						
112	Data Role=TRAIN Target Variable=Disposition Target Label=Disposition					
113						
114		Target		Outcome	Frequency	To
	tal					
115	Target	Outcome	Percentage	Percentage	Count	Perce
	ntage					
116						
117	JUSTIFIED	JUSTIFIED	65.9163	63.9868	3104	33.
	9420					
118	NOT JUSTIFIED	JUSTIFIED	34.0837	37.3777	1605	17.
	5506					
119	JUSTIFIED	NOT JUSTIFIED	39.3823	36.0132	1747	19.
	1033					
120	NOT JUSTIFIED	NOT JUSTIFIED	60.6177	62.6223	2689	29.

4040						
121						
122						
123	Data	Role=VALIDATE	Target	Variable=Disposition	Target	Label=Disposition
124						
125			Target	Outcome	Frequency	To
	tal					
126	Target		Outcome	Percentage	Percentage	Count
	ntage					Perce
127						
128	JUSTIFIED		JUSTIFIED	67.0005	64.3269	1338
	1239					34.
129	NOT JUSTIFIED		JUSTIFIED	32.9995	35.7958	659
	8069					16.
130	JUSTIFIED		NOT JUSTIFIED	38.5655	35.6731	742
	9237					18.
131	NOT JUSTIFIED		NOT JUSTIFIED	61.4345	64.2042	1182
	1454					30.
132						
133						
134						
135						
136	Event Classification Table					
137						
138	Data	Role=TRAIN	Target=Disposition	Target	Label=Disposition	
139						
140	False	True	False	True		
141	Negative	Negative	Positive	Positive		
142						
143	1605	3104	1747	2689		
144						
145						
146	Data	Role=VALIDATE	Target=Disposition	Target	Label=Disposition	
147						
148	False	True	False	True		
149	Negative	Negative	Positive	Positive		
150						
151	659	1338	742	1182		
152						
153						
154						
155						
156	Assessment Score Rankings					
157						

158	Data	Role=TRAIN	Target	Variable=Disposition	Target	Label=Disposition	
159							
160							
161		Mean					
162	of	Posterior		Cumulative	%	Cumulative	Number
163	Depth	Gain	Lift	Lift	Response	% Response	Observati
164	ons	Probability					
165	5	29.8783	1.29878	1.29878	60.9838	60.9838	458
166		0.60984					
167	10	29.8783	1.29878	1.29878	60.9838	60.9838	457
168		0.60984					
169	15	29.8783	1.29878	1.29878	60.9838	60.9838	457
170		0.60984					
171	20	29.8783	1.29878	1.29878	60.9838	60.9838	457
172		0.60984					
173	25	29.8783	1.29878	1.29878	60.9838	60.9838	458
174		0.60984					
175	30	29.8783	1.29878	1.29878	60.9838	60.9838	457
176		0.60984					
177	35	29.8783	1.29878	1.29878	60.9838	60.9838	457
178		0.60984					
179	40	29.8783	1.29878	1.29878	60.9838	60.9838	457
180		0.60984					
181	45	29.8783	1.29878	1.29878	60.9838	60.9838	458
182		0.60984					
183	50	27.8933	1.10016	1.27893	51.6575	60.0518	457
184		0.51657					
185	55	24.3481	0.88872	1.24348	41.7296	58.3872	457
186		0.41730					
187	60	21.3933	0.88872	1.21393	41.7296	56.9998	457
188		0.41730					
189	65	18.8879	0.88872	1.18888	41.7296	55.8234	458
190		0.41730					
191	70	16.7453	0.88872	1.16745	41.7296	54.8173	457
192		0.41730					
193	75	14.8882	0.88872	1.14888	41.7296	53.9453	457
194		0.41730					
195	80	12.7849	0.81218	1.12785	38.1354	52.9577	457
196		0.38135					
197	85	10.4878	0.73794	1.10488	34.6497	51.8791	458
198		0.34650					
199	90	6.8787	0.45484	1.06879	21.3568	50.1845	457

		0.21357					
182	95	3.2584	0.38054	1.03258	17.8683	48.4846	457
		0.17868					
183	100	0.0000	0.38054	1.00000	17.8683	46.9546	457
		0.17868					
184							
185							
186	Data Role=VALIDATE Target Variable=Disposition Target Label=Disposition						
187							
188							
		Mean					
189				Cumulative	%	Cumulative	Number
	of	Posterior					
190	Depth	Gain	Lift	Lift	Response	% Response	Observati
	ons	Probability					
191							
192	5	32.0039	1.32004	1.32004	61.9789	61.9789	197
		0.60984					
193	10	32.0039	1.32004	1.32004	61.9789	61.9789	196
		0.60984					
194	15	32.0039	1.32004	1.32004	61.9789	61.9789	196
		0.60984					
195	20	32.0039	1.32004	1.32004	61.9789	61.9789	196
		0.60984					
196	25	32.0039	1.32004	1.32004	61.9789	61.9789	196
		0.60984					
197	30	32.0039	1.32004	1.32004	61.9789	61.9789	196
		0.60984					
198	35	32.0039	1.32004	1.32004	61.9789	61.9789	196
		0.60984					
199	40	32.0039	1.32004	1.32004	61.9789	61.9789	196
		0.60984					
200	45	32.0039	1.32004	1.32004	61.9789	61.9789	196
		0.60984					
201	50	30.0187	1.12142	1.30019	52.6531	61.0468	196
		0.53765					
202	55	26.1167	0.87077	1.26117	40.8845	59.2147	196
		0.41730					
203	60	22.8647	0.87077	1.22865	40.8845	57.6878	196
		0.41730					
204	65	20.1129	0.87077	1.20113	40.8845	56.3958	196
		0.41730					
205	70	17.7540	0.87077	1.17754	40.8845	55.2882	196
		0.41730					

206	75	15.7095 0.41730	0.87077	1.15710	40.8845	54.3283	196
207	80	13.3245 0.37937	0.77536	1.13324	36.4050	53.2084	196
208	85	10.7337 0.34650	0.69268	1.10734	32.5228	51.9920	196
209	90	6.9256 0.20266	0.42169	1.06926	19.7992	50.2040	196
210	95	3.2806 0.17868	0.37652	1.03281	17.6786	48.4926	196
211	100	0.0000 0.17868	0.37652	1.00000	17.6786	46.9523	196

212
213
214
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216 Assessment Score Distribution
217
218 Data Role=TRAIN Target Variable=Disposition Target Label=Disposition
219

220	Posterior	Number		Mean	
221	Probability	of	Number of	Posterior	
222	Range	Events	Nonevents	Probability	Percentage
223					
224	0.60-0.65	2529	1618	0.60984	45.3472
225	0.55-0.60	160	129	0.55363	3.1602
226	0.40-0.45	1105	1543	0.41730	28.9557
227	0.30-0.35	272	513	0.34650	8.5839
228	0.15-0.20	228	1048	0.17868	13.9530

229
230
231 Data Role=VALIDATE Target Variable=Disposition Target Label=Disposition
232

233	Posterior	Number		Mean	
234	Probability	of	Number of	Posterior	
235	Range	Events	Nonevents	Probability	Percentage
236					
237	0.60-0.65	1115	684	0.60984	45.8812
238	0.55-0.60	67	58	0.55363	3.1880
239	0.40-0.45	453	655	0.41730	28.2581
240	0.30-0.35	107	222	0.34650	8.3907
241	0.15-0.20	99	461	0.17868	14.2821