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1  *-----
   ---*
2  User:                u62569858
3  Date:                07 January 2024
4  Time:                10:53:45
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 ID             NOMINAL       1
19 INPUT          INTERVAL      9
20 INPUT          NOMINAL       5
21 TARGET         INTERVAL      1
22
23
24
25
26 Predicted and decision variables
27
28 Type           Variable      Label
29
30 TARGET         Churn         Churn
31 PREDICTED      P_Churn       Predicted: Churn
32 RESIDUAL       R_Churn       Residual: Churn
33
34
35 *-----
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    ---*
36 * Score Output
37 *-----
    ---*
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40 *-----
    ---*
41 * Report Output
42 *-----
    ---*
43
44
45
46 Variable Importance
47
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49
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56
57 Tree Leaf Report
58
59 Node      Training      Training      Training
60 Id      Depth      Observations      Average      Root ASE
61
62 2         1         3975         0.19         0.39442
63 3         1         2998         0.24         0.42839
64

```

Variable Name	Validation Label	Ratio of Number of Validation Splitting to Training Rules	Importance
MembershipLevel	MembershipLevel	1	1.0000

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65
66
67
68 Fit Statistics
69
70 Target=Churn Target Label=Churn
71
72     Fit
73 Statistics      Statistics Label      Train    Val
   idation      Test
74
75   _NOBS_      Sum of Frequencies      6973.00      3
   170.00      2535.00
76   _MAX_      Maximum Absolute Error      0.81
   0.81      0.81
77   _SSE_      Sum of Squared Errors      1168.58
   544.62      406.94
78   _ASE_      Average Squared Error      0.17
   0.17      0.16
79   _RASE_      Root Average Squared Error      0.41
   0.41      0.40
80   _DIV_      Divisor for ASE      6973.00      3
   170.00      2535.00
81   _DFT_      Total Degrees of Freedom      6973.00
   .      .
82
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85
86 Assessment Score Rankings
87
88 Data Role=TRAIN Target Variable=Churn Target Label=Churn
89
90           Number of      Mean      Mean
91 Depth      Observations      Target      Predicted
92
93     5      2998      0.24216      0.24216
94    45      3975      0.19270      0.19270

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95
96
97 Data Role=VALIDATE Target Variable=Churn Target Label=Churn
98
99           Number of      Mean      Mean
100 Depth      Observations    Target    Predicted
101
102      5           1417      0.24982    0.24216
103     45           1753      0.19852    0.19270
104
105
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107
108 Assessment Score Distribution
109
110 Data Role=TRAIN Target Variable=Churn Target Label=Churn
111
112      Range for      Mean      Mean      Number of
113      Predicted      Target    Predicted    Observations
114      Score
115 0.240 - 0.242    0.24216    0.24216      2998
116      0.24093
117
118
119 0.193 - 0.195    0.19270    0.19270      3975
120      0.19394
121
122
123 Data Role=VALIDATE Target Variable=Churn Target Label=Churn
124
125           Number of      Mean      Mean      Number of
126 Depth      Observations    Target    Predicted    Observations
127
128      5           1417      0.24982    0.24216      1417
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	0.24093				
125	0.193 -	0.195	0.19852	0.19270	1753
	0.19394				