

```
1  *-----
   -*
2  User:                u63452984
3  Date:                07 January 2024
4  Time:                09:25:48
5  *-----
   -*
6  * Training Output
7  *-----
   -*
8
9
10
11
12 Variable Summary
13
14           Measurement      Frequency
15  Role           Level      Count
16
17 INPUT          INTERVAL      3
18 INPUT          NOMINAL      3
19 TARGET         BINARY       1
20
21
22
23 Variable Levels Summary
24 (maximum 500 observations printed)
25
26                               Frequency
27 Variable           Role      Count
28
29 IMP_Churn          TARGET      2
30
31
32
33 Class Variable Summary Statistics
```

34 (maximum 500 observations printed)

35

36 Data Role=TRAIN

37

38

39 Data

		Mode			Number of	
Role	Variable Name	Role	Mode2	Levels	Missing	M
ode	Percentage	Mode2		Percentage		
TRAIN	M_Variable	INPUT	2	0	0	
	99.86	1		0.14		
TRAIN	MembershipLevel	INPUT	4	0	G	
old	25.71	Platinum	25.19			
TRAIN	PaymentMethod	INPUT	3	0	C	
redit Card	72.94	Cash	13.57			
TRAIN	IMP_Churn	TARGET	2	0	0	
	77.64	1	22.36			

46

47

48

49 Distribution of Class Target and Segment Variables

50 (maximum 500 observations printed)

51

52 Data Role=TRAIN

53

Data	Variable			Frequency	
Role	Name	Role	Level	Count	Perce
TRAIN	IMP_Churn	TARGET	0	19410	77.64
31					
TRAIN	IMP_Churn	TARGET	1	5589	22.35
69					

59

60

61

62 Interval Variable Summary Statistics

63 (maximum 500 observations printed)

64

65 Data Role=TRAIN

66

67			Standard	Non
68	Variable	Role	Deviation	Missing
	Missing	Minimum	Maximum	Skewness
	Kurtosis			

69

70	Age	INPUT	44.95024	15.33948	24999
	0	18	45	70	-0.07062
	-1.19981				

71	IMP_TotalSpent	INPUT	4848.782	3750.108	24999
	0	101	4133	62273	2.407169
	13.02341				

72	TotalPurchases	INPUT	5.341574	4.059632	24999
	0	1	4	67	2.592697
	14.94051				

73

74

75

76 Class Variable Summary Statistics by Class Target

77 (maximum 500 observations printed)

78

79 Data Role=TRAIN Variable Name=M\_Variable

80

81		Number			
82	Target	of		Mode	
	Mode2				
83	Target	Level	Levels	Missing	Mode
	ge	Mode2	Percentage		Percenta

84

85	IMP_Churn	0	2	0	0	99.86
	1	0.14				

```

86  IMP_Churn      1      2      0      0      99.89
      1      0.11
87  _OVERALL_      2      0      0      99.86
      1      0.14
88
89
90  Data Role=TRAIN Variable Name=MembershipLevel
91
92      Number
93      Target      of      M
      ode      Mode2
94  Target      Level      Levels      Missing      Mode      Perc
      entage      Mode2      Percentage
95
96  IMP_Churn      0      4      0      Gold      25
      .87      Platinum      24.93
97  IMP_Churn      1      4      0      Platinum      26
      .09      Gold      25.14
98  _OVERALL_      4      0      Gold      25
      .71      Platinum      25.19
99
100
101 Data Role=TRAIN Variable Name=PaymentMethod
102
103      Number
104      Target      of
      Mode      Mode2
105  Target      Level      Levels      Missing      Mode      P
      ercentage      Mode2      Percentage
106
107  IMP_Churn      0      3      0      Credit Card
      72.13      Cash      14.02
108  IMP_Churn      1      3      0      Credit Card
      75.76      TnG      12.24
109  _OVERALL_      3      0      Credit Card
      72.94      Cash      13.57

```

```

110
111
112
113 Interval Variable Summary Statistics by Class Target
114 (maximum 500 observations printed)
115
116 Data Role=TRAIN Variable=Age
117
118
119 Target
120
121 Target Level Median Standard Missing Missing
Minimum Maximum Mean Deviation Skewness
Kurtosis Role Label
122
123 IMP_Churn 0 45 0 19410
18 70 44.73117 15.29182 -0.05314
-1.19074 INPUT Age
124 IMP_Churn 1 47 0 5589
18 70 45.71104 15.4812 -0.13314
-1.22213 INPUT Age
125 _OVERALL_ 45 0 24999
18 70 44.95024 15.33948 -0.07062
-1.19981 INPUT Age
126
127
128 Target Non
Standard
Missing Missing
Minimum Maximum Mean Deviation Skewness
Kurtosis Role Label
129
130 IMP_Churn 0 4050 0 19410
116 62273 4644.036 3411.621 2.068865
10.97421 INPUT Imputed TotalSpent

```

```

132 IMP_Churn      1      4449      0      5589
      101      53447      5559.841      4672.733      2.554071
      11.73146      INPUT      Imputed TotalSpent
133 _OVERALL_      4133      0      24999
      101      62273      4848.782      3750.108      2.407169
      13.02341      INPUT      Imputed TotalSpent
134
135
136 Data Role=TRAIN Variable=TotalPurchases
137
138      Target      Non
      Standard
139 Target      Level      Median      Missing      Missing
      Minimum      Maximum      Mean      Deviation      Skewness
      Kurtosis      Role      Label
140
141 IMP_Churn      0      4      0      19410
      1      67      5.115301      3.658245      2.186242
      11.93927      INPUT      TotalPurchases
142 IMP_Churn      1      5      0      5589
      1      61      6.127393      5.14276      2.743106
      13.5347      INPUT      TotalPurchases
143 _OVERALL_      4      0      24999
      1      67      5.341574      4.059632      2.592697
      14.94051      INPUT      TotalPurchases
144
145
146
147 Chi-Square Statistics
148 (maximum 500 observations printed)
149
150 Data Role=TRAIN Target=IMP_Churn
151
152 Input      Chi-Square      Df      Prob
153
154 PaymentMethod      29.1929      2      <.0001

```

155	MembershipLevel	3.7256	3	0.2927
156	M_Variable	0.4351	1	0.5095

157

158

159 \*-----  
-\*

160 \* Score Output

161 \*-----  
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162

163

164 \*-----  
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165 \* Report Output

166 \*-----  
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