



Machine Learning Analytic

"Imputation" Results

by: jbae7@ncsu.edu

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Input Variable Statistics

Input Variable	Variable Level	Number of Missing Values	Percent Missing
DELINQ	NOMINAL	580	9.7315
DEROG	NOMINAL	708	11.8792
IM_CLAGE	INTERVAL	0	0
IM_CLNO	INTERVAL	0	0
IM_DEBTINC	INTERVAL	0	0
IM_MORTDUE	INTERVAL	0	0
IM_YOJ	INTERVAL	0	0
JOB	NOMINAL	279	4.6812
LOAN	INTERVAL	0	0
NINQ	NOMINAL	510	8.5570
REASON	BINARY	252	4.2282
VALUE	INTERVAL	112	1.8792

Imputable	Minimum	Maximum	Mean
1			
1			
0	0	1,168.2336	179.7663
0	0	71	21.2478
0	0.5245	203.3121	33.7799
0	2,063	399,550	73,000.8680
0	0	41	8.7562
1			
0	1,100	89,900	18,607.9698
1			
1			
1	8,000	855,909	101,776.0487

Imputed Variables Summary

Imputed Variable	Method	Input Variable	Value
IMP_DELINQ	COUNT	DELINQ	
IMP_DEROG	COUNT	DEROG	
IMP_JOB	COUNT	JOB	Other
IMP_NINQ	COUNT	NINQ	
IMP_REASON	COUNT	REASON	DebtCon
IMP_VALUE	MEAN	VALUE	

Numeric Value	Percent Missing	Variable Level	Type
0	9.7315	NOMINAL	N
0	11.8792	NOMINAL	N
	4.6812	NOMINAL	C
0	8.5570	NOMINAL	N
	4.2282	BINARY	C
101,776.0487	1.8792	INTERVAL	N

Variable Label
Imputed DELINQ
Imputed DEROG
Imputed JOB
Imputed NINQ
Imputed REASON
Imputed VALUE

Properties

Property Name	Property Value
bonferroni	false
codeLocation	mlearning
constantChar	
constantNum	0
dataLimit	ALLDATA
dataLimitPercent	5
dataMiningVersion	V2024.03
defClassMethod	COUNT
defIntervalMethod	MEAN
fullDatasetReconstitution	false
ignoreMetadata	false
imputeNonmiss	false
indicatorRole	REJECTED
indicatorSingle	false
indicatorSubject	IMPUTED
indicatorUnique	false
intervalCrit	FTEST
leafSize	5
maxBranch	2
maxDepth	5
maxMissPercent	50
missing	USEINSEARCH
nominalCrit	CHISQUARE
partitionFraction	0.3000
prunePartition	true
pruneType	COSTCOMPLEXITY

Property Name	Property Value
randomSeed	12,345
rejectOrgVars	true
reportingOnly	false
summaryStatistics	false
templateRevision	2

Output

Input Variable Statistics													
Obs	Input Variable	Measurement Level	Number of Missing Values	Percentage Missing	Imputable	Minimum	Maximum	Mean	Midrange	Standard Deviation	Skewness	Kurtosis	Label
1	DELINQ	NOMINAL	580	9.7315	1	.	.	.	.	.	.	.
2	DEROG	NOMINAL	708	11.8792	1	.	.	.	.	.	.	.
3	IM_CLAGE	INTERVAL	0	0.0000	0	0	1168.2335609	179.76627519	584.12	83.563058515	1.3795115212	8.1768189766	
4	IM_CLNO	INTERVAL	0	0.0000	0	0	71	21.247818792	35.50	9.9513076286	0.8036509154	1.3287295201	
5	IM_DEBTINC	INTERVAL	0	0.0000	0	0.5244992154	203.31214869	33.779915349	101.92	7.632712999	3.2141908887	64.934409943	
6	IM_MORTDUE	INTERVAL	0	0.0000	0	2063	399550	73000.867987	200806.50	42552.759394	1.942137636	7.4514534154	
7	IM_YOJ	INTERVAL	0	0.0000	0	0	41	8.7561661074	20.50	7.259423812	1.0926216481	0.7475934661	
8	JOB	NOMINAL	279	4.6812	1	.	.	.	.	.	.	.
9	LOAN	INTERVAL	0	0.0000	0	1100	89900	18607.969799	45500.00	11207.480417	2.0237807117	6.9325897681	
10	NINQ	NOMINAL	510	8.5570	1	.	.	.	.	.	.	.
11	REASON	BINARY	252	4.2282	1	.	.	.	.	.	.	.
12	VALUE	INTERVAL	112	1.8792	1	8000	855909	101776.04874	431954.50	57385.775334	3.0533442665	24.362804879	