Figure 1: Process Flow Diagram

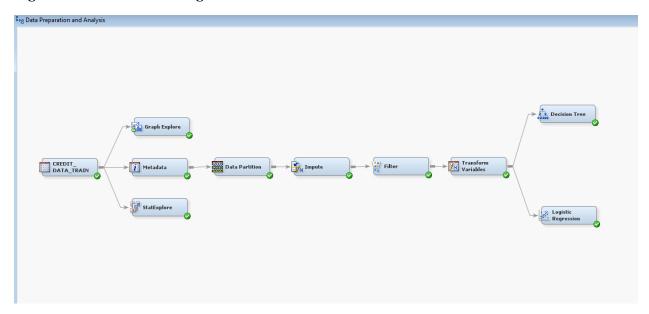


Figure 2: Data Partition Results

Partition Summan	Y				
		Numbe			
Туре	Data Set	Observa			
Type	Data Sec	OBSELVA	cions		
DATA EMUS	32.Ids_DATA	1500	00		
	32.Part_TRAIN	899	98		
VALIDATE EMU:	32.Part_VALIDA	TE 600	02		
*				*	
* Score Output					
*				*	
* Donort Output				π	
* Report Output				*	
Summary Statist:	cs for Class	Targets			
Data=DATA					
Daca-DAIA					
	Numeric	Formatted	Frequency		
Variable	Value		4		
	value	Value	Count	Percent	Label
			Count		
SeriousDlqin2yr:	3 0	0	Count 139974	93.316	SeriousDlqin2yrs
SeriousDlqin2yr: SeriousDlqin2yr:	3 0		Count		
	3 0	0	Count 139974	93.316	SeriousDlqin2yrs
SeriousDlqin2yr:	3 0	0	Count 139974	93.316	SeriousDlqin2yrs
	3 0	0	Count 139974	93.316	SeriousDlqin2yrs
SeriousDlqin2yr:	3 0	0	Count 139974	93.316	SeriousDlqin2yrs
SeriousDlqin2yr:	3 0 3 1	0	Count 139974 10026	93.316	SeriousDlqin2yrs
SeriousDlqin2yr: Data=TRAIN Variable	8 0 8 1 Numeric Value	0 1 Formatted Value	Count 139974 10026 Frequency Count	93.316 6.684 Percent	SeriousDlqin2yrs SeriousDlqin2yrs Label
SeriousDlqin2yr: Data=TRAIN Variable SeriousDlqin2yr:	S 0 S 1 Numeric Value	0 1 Formatted Value	Count 139974 10026 Frequency Count 83983	93.316 6.684 Percent 93.3165	SeriousDlqin2yrs SeriousDlqin2yrs Label
SeriousDlqin2yr: Data=TRAIN Variable	S 0 S 1 Numeric Value	0 1 Formatted Value	Count 139974 10026 Frequency Count	93.316 6.684 Percent	SeriousDlqin2yrs SeriousDlqin2yrs Label
SeriousDlqin2yr: Data=TRAIN Variable SeriousDlqin2yr:	S 0 S 1 Numeric Value	0 1 Formatted Value	Count 139974 10026 Frequency Count 83983	93.316 6.684 Percent 93.3165	SeriousDlqin2yrs SeriousDlqin2yrs Label
SeriousDlqin2yr: Data=TRAIN Variable SeriousDlqin2yr: SeriousDlqin2yr:	S 0 S 1 Numeric Value	0 1 Formatted Value	Count 139974 10026 Frequency Count 83983	93.316 6.684 Percent 93.3165	SeriousDlqin2yrs SeriousDlqin2yrs Label
SeriousDlqin2yr: Data=TRAIN Variable SeriousDlqin2yr:	S 0 S 1 Numeric Value	0 1 Formatted Value	Count 139974 10026 Frequency Count 83983	93.316 6.684 Percent 93.3165	SeriousDlqin2yrs SeriousDlqin2yrs Label
SeriousDlqin2yr: Data=TRAIN Variable SeriousDlqin2yr: SeriousDlqin2yr:	Numeric Value	0 1 Formatted Value 0 1	Count 139974 10026 Frequency Count 83983 6015	93.316 6.684 Percent 93.3165	SeriousDlqin2yrs SeriousDlqin2yrs Label
SeriousDlqin2yr: Data=TRAIN Variable SeriousDlqin2yr: SeriousDlqin2yr:	S 0 S 1 Numeric Value	0 1 Formatted Value	Count 139974 10026 Frequency Count 83983	93.316 6.684 Percent 93.3165	SeriousDlqin2yrs SeriousDlqin2yrs Label
SeriousDlqin2yr: Data=TRAIN Variable SeriousDlqin2yr: SeriousDlqin2yr: Data=VALIDATE	Numeric Value O The Mumeric	0 1 Formatted Value 0 1	Count 139974 10026 Frequency Count 83983 6015	93.316 6.684 Percent 93.3165 6.6835	SeriousDlqin2yrs SeriousDlqin2yrs Label SeriousDlqin2yrs SeriousDlqin2yrs
SeriousDlqin2yr: Data=TRAIN Variable SeriousDlqin2yr: SeriousDlqin2yr: Data=VALIDATE	Numeric Value Numeric Value Numeric Value	0 1 Formatted Value 0 1	Count 139974 10026 Frequency Count 83983 6015	93.316 6.684 Percent 93.3165 6.6835	SeriousDlqin2yrs SeriousDlqin2yrs Label SeriousDlqin2yrs SeriousDlqin2yrs
SeriousDlqin2yr: Data=TRAIN Variable SeriousDlqin2yr: SeriousDlqin2yr: Data=VALIDATE Variable	Numeric Value Numeric Value Numeric Value	0 1 Formatted Value 0 1 Formatted Value	Count 139974 10026 Frequency Count 83983 6015 Frequency Count	93.316 6.684 Percent 93.3165 6.6835	SeriousDlqin2yrs SeriousDlqin2yrs Label SeriousDlqin2yrs SeriousDlqin2yrs

Figure 3: Histograms of Input Variables

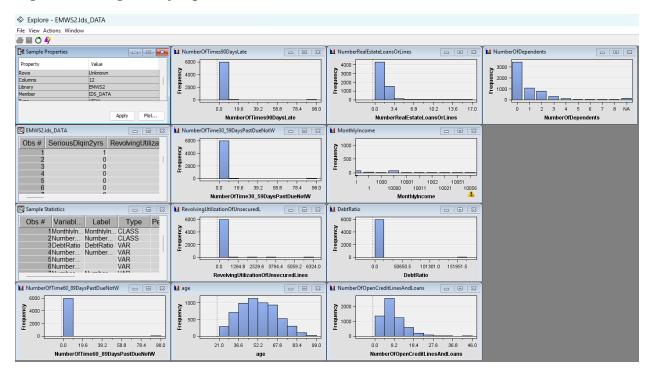


Figure 4: User-specified Filter Results

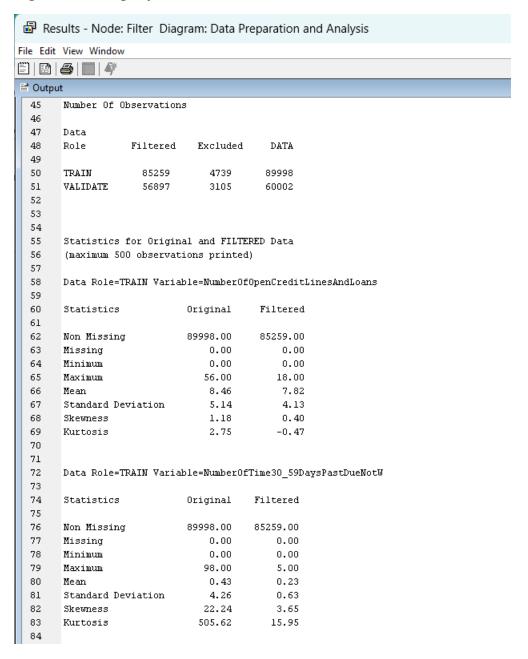


Figure 5: Transform Variables Formulas Window

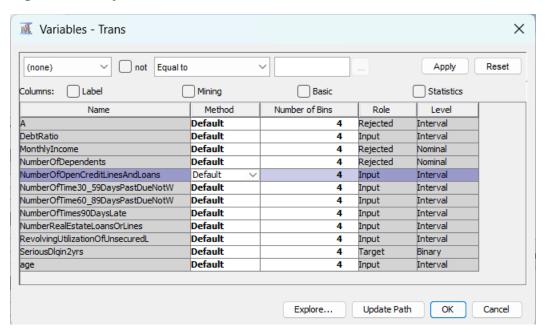


Figure 6: Logistic Regression Fit Statistics

ile Edit View Window							
E Fit Statistics							
Target	Target Label	Fit Statistics	Statistics Label	Train	Validation		
SeriousDlqin2yrs	SeriousDlqin2yrs	AIC	Akaike's Information Criterion	32404.76	.i		
SeriousDlqin2yrs	SeriousDlqin2yrs	ASE	Average Squared Error	0.050031	0.050324		
SeriousDlqin2yrs	SeriousDlgin2yrs	AVERR	Average Error Function	0.189979	0.190706		
SeriousDlgin2yrs	SeriousDlgin2yrs	DFE	Degrees of Freedom for Error	85254			
SeriousDlgin2yrs	SeriousDlgin2yrs	DFM	Model Degrees of Freedom	5			
SeriousDlgin2yrs	SeriousDlgin2yrs	DFT	Total Degrees of Freedom	85259			
SeriousDlgin2yrs	SeriousDlgin2yrs	DIV	Divisor for ASE	170518	113794		
SeriousDlgin2yrs	SeriousDlgin2yrs	ERR	Error Function	32394.76	21701.25		
SeriousDlqin2yrs	SeriousDlqin2yrs	FPE	Final Prediction Error	0.050037			
SeriousDlgin2yrs	SeriousDlgin2yrs	MAX	Maximum Absolute Error	0.991108	0.99112		
SeriousDlgin2yrs	SeriousDlgin2yrs	MSE	Mean Square Error	0.050034	0.050324		
SeriousDlgin2yrs	SeriousDlgin2yrs	NOBS	Sum of Frequencies	85259	56897		
SeriousDlgin2yrs	SeriousDlgin2yrs	NW	Number of Estimate Weights	5			
SeriousDlgin2yrs	SeriousDlgin2yrs	RASE	Root Average Sum of Squares	0.223676	0.22433		
SeriousDlgin2yrs	SeriousDlgin2yrs	RFPE	Root Final Prediction Error	0.223689			
SeriousDlgin2yrs	SeriousDlgin2yrs	RMSE	Root Mean Squared Error	0.223682	0.22433		
SeriousDlgin2vrs	SeriousDlgin2vrs	SBC	Schwarz's Bayesian Criterion	32451.53			
SeriousDlain2vrs	SeriousDlgin2vrs	SSE	Sum of Squared Errors	8531.146	5726.572		
SeriousDlain2vrs	SeriousDlain2vrs	SUMW	Sum of Case Weights Time	170518	113794		
SeriousDlgin2yrs	SeriousDlain2vrs	MISC	Misclassification Rate	0.060404	0.06053		

Figure 7: Logistic Regression Iteration Plot

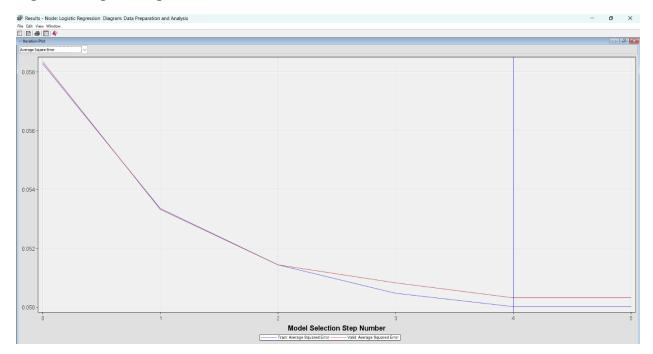


Figure 8: Logistic Regression Cumulative Lift

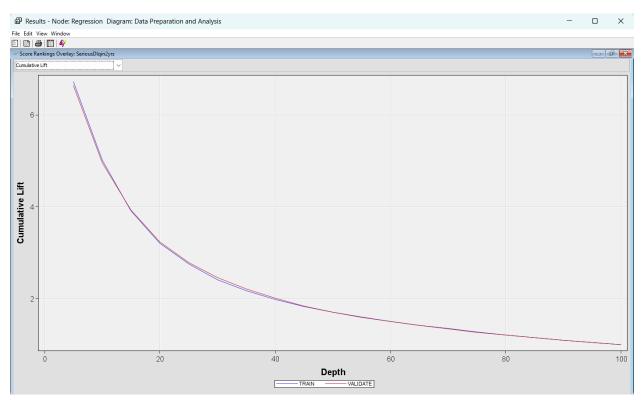


Figure 9: Decision Tree Variable Importance Table

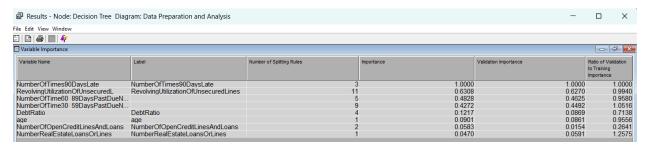


Figure 10: Decision Tree Fit Statistics

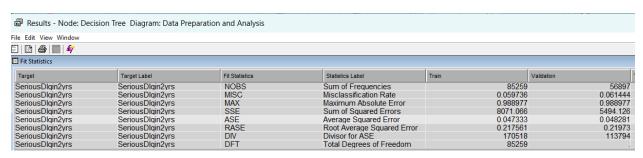


Figure 11: Decision Tree Diagram

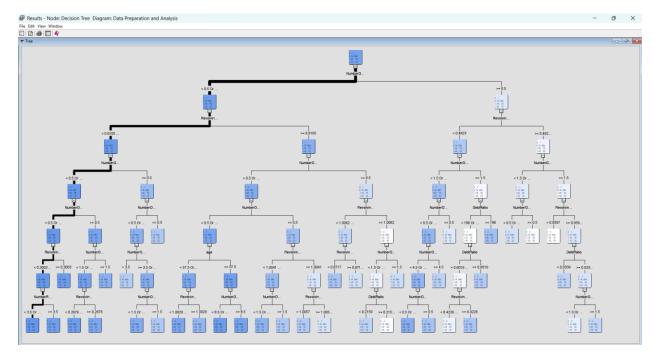


Figure 12: Decision Tree Cumulative Lift

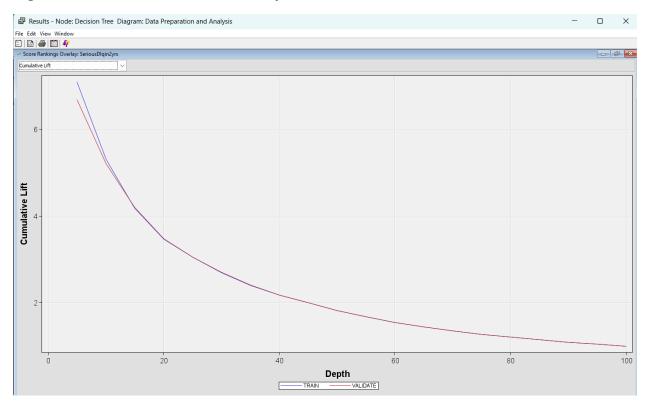


Figure 13: Decision Tree Leaf Statistics

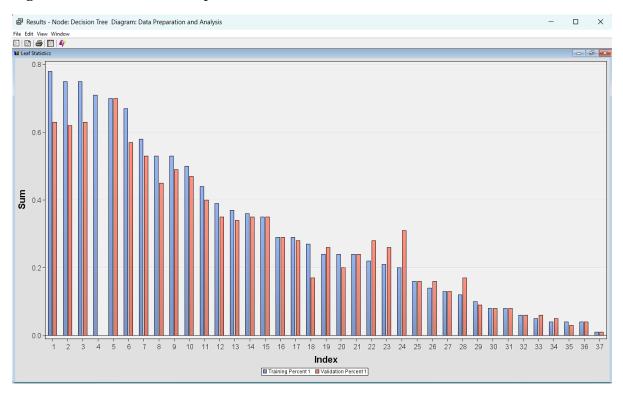


Figure 14: Decision Tree Subtree Assessment Pot

