

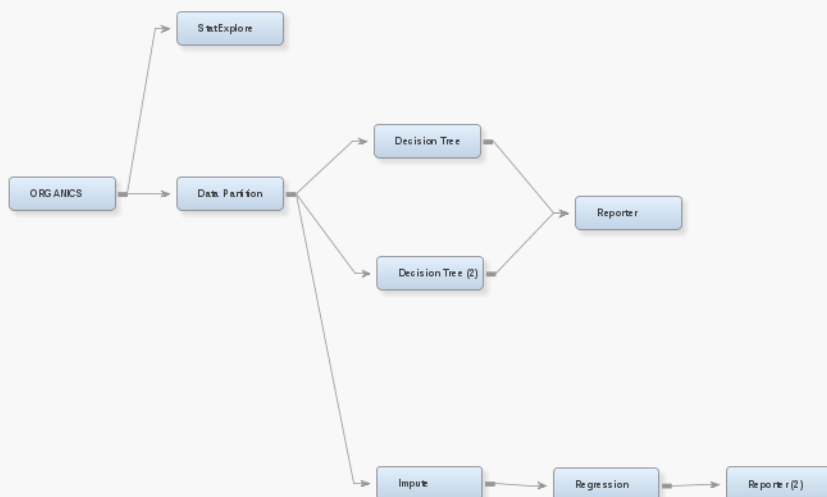
## SAS Enterprise Miner Report

User = garthgarthmorten0  
Date = 01:16:50 October 11  
Project = Homework2  
Diagram = Organics

Start Node = Report2  
Node label = Reporter (2)  
Nodes = ALL  
Showall = N

Format = PDF  
Style = LISTING

### SAS Enterprise Miner Report Process Flow Diagram



SAS Enterprise Miner Report

Node=Data Partition  
Summary

Node id = Part  
Node label = Data Partition  
Meta path = Ids => Part  
Notes =

Node=Data Partition  
Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Partition		Method	DEFAULT		TestPct	0	30
ClassDistribution	Y		OutputType	DATA		TrainPct	50	40
IntervalDistribution	Y		RandomSeed	12345		ValidatePct	50	30

Node=Data Partition  
Variable Summary

Role	Level	Frequency Count	Name
TARGET	BINARY	1	TargetBuy
REJECTED	INTERVAL	1	TargetAmt
REJECTED	NOMINAL	1	DemCluster
INPUT	INTERVAL	4	DemAffl DemAge PromSpend PromTime
INPUT	NOMINAL	5	DemClusterGroup DemGender DemReg DemTVReg PromClass
ID	NOMINAL	1	ID

SAS Enterprise Miner Report

Node=Decision Tree  
Summary

Node id = Tree  
Node label = Decision Tree  
Meta path = Ids => Part => Tree  
Notes =

Node=Decision Tree  
Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	DecisionTree		Kass	Y		Pred	N	
AVG	Y		KassApply	BEFORE		Predict	Y	
AssessMeasure	ASE	PROFIT/LOSS	LeafSize	5		ProfitLoss	NONE	
AssessPercentage	0.25		Leafid	Y		RASE	N	
CV	N		Maxbranch	2		SampleMethod	RANDOM	
CVNIter	10		Maxdepth	6		SampleSeed	12345	
CVRepeat	1		MinCatSize	5		SampleSize	10000	
CVSeed	12345		MissingValue	USEINSEARCH		ShowNodeId	Y	
ClassColorBy	PERCENTCORRECT		NSubtree	1		ShowValid	Y	
Count	Y		NodeRole	SEGMENT		SigLevel	0.2	
CreateSample	DEFAULT		NodeSample	20000		SplitPrecision	4	
Criterion	DEFAULT		NominalCriterion	PROBCHISQ		Splitsize	.	
Depth	Y		Nrules	5		Subtree	ASSESSMENT	
Dummy	N		Nsurrs	0		Target	ALL	
Exhaustive	5000		NumInputs	1		ToolType	MODEL	
Freeze	N		NumSingleImp	5		TrainMode	BATCH	
ImportModel	N		ObsImportance	N		UseDecision	N	
ImportedTreeData			OrdinalCriterion	ENTROPY		UseMultipleTarget	N	
Inputs	N		PercentCorrect	N		UsePriors	N	
IntColorBy	AVG		Performance	DISK		UseVarOnce	N	
IntervalCriterion	PROBF		Precision	4		VarSelection	Y	

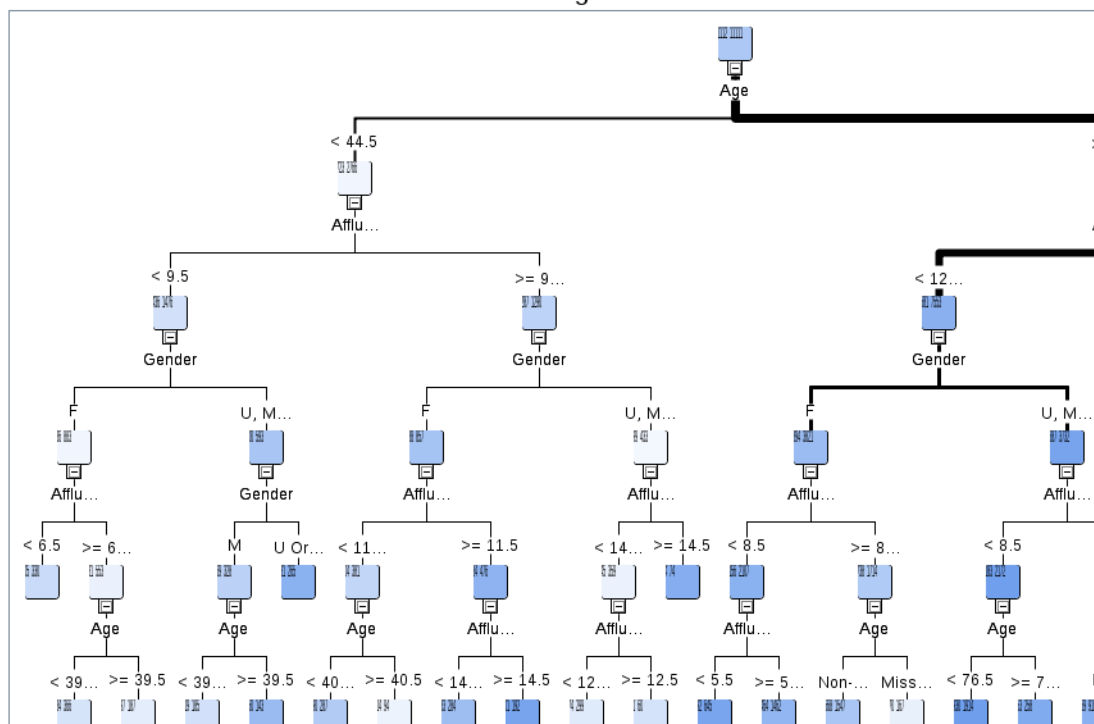
Node=Decision Tree  
Variable Summary

Role	Level	Frequency Count	Name
TARGET	BINARY	1	TargetBuy
INPUT	INTERVAL	4	DemAffl DemAge PromSpend PromTime
INPUT	NOMINAL	5	DemClusterGroup DemGender DemReg DemTVReg PromClass
ID	INTERVAL	1	_dataobs_
ID	NOMINAL	1	ID

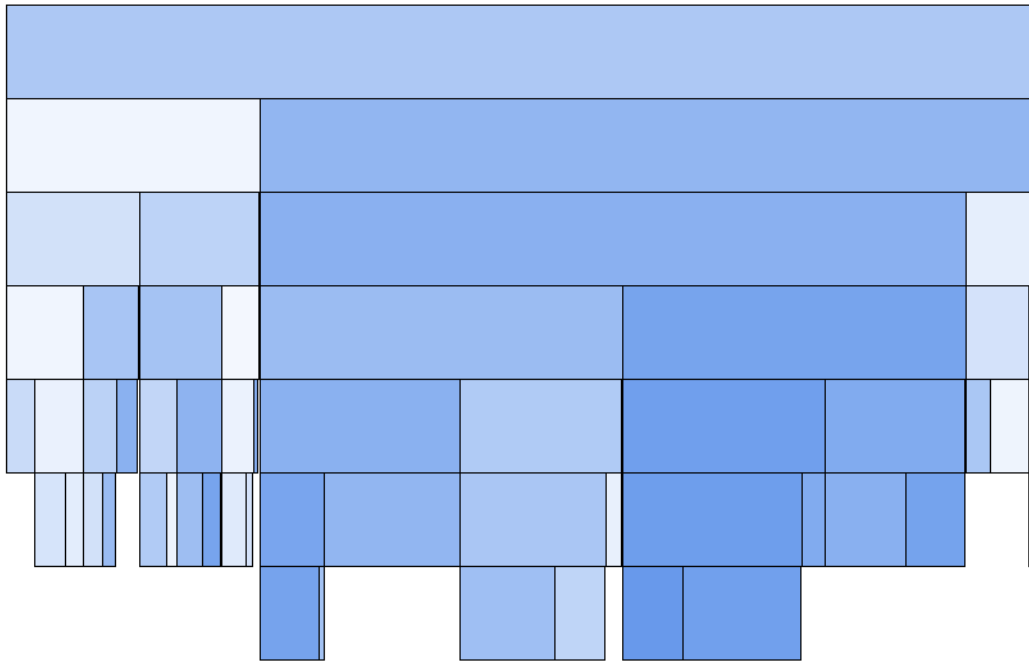
Node=Decision Tree  
Model Fit Statistics

Label of Statistic	Train	Validation	Test
Sum of Frequencies	11112.00	11111.00	.
Misclassification Rate	0.19	0.19	.
Maximum Absolute Error	0.99	1.00	.
Sum of Squared Errors	2952.71	2950.48	.
Average Squared Error	0.13	0.13	.
Root Average Squared Error	0.36	0.36	.
Divisor for ASE	22224.00	22222.00	.
Total Degrees of Freedom	11112.00	.	.

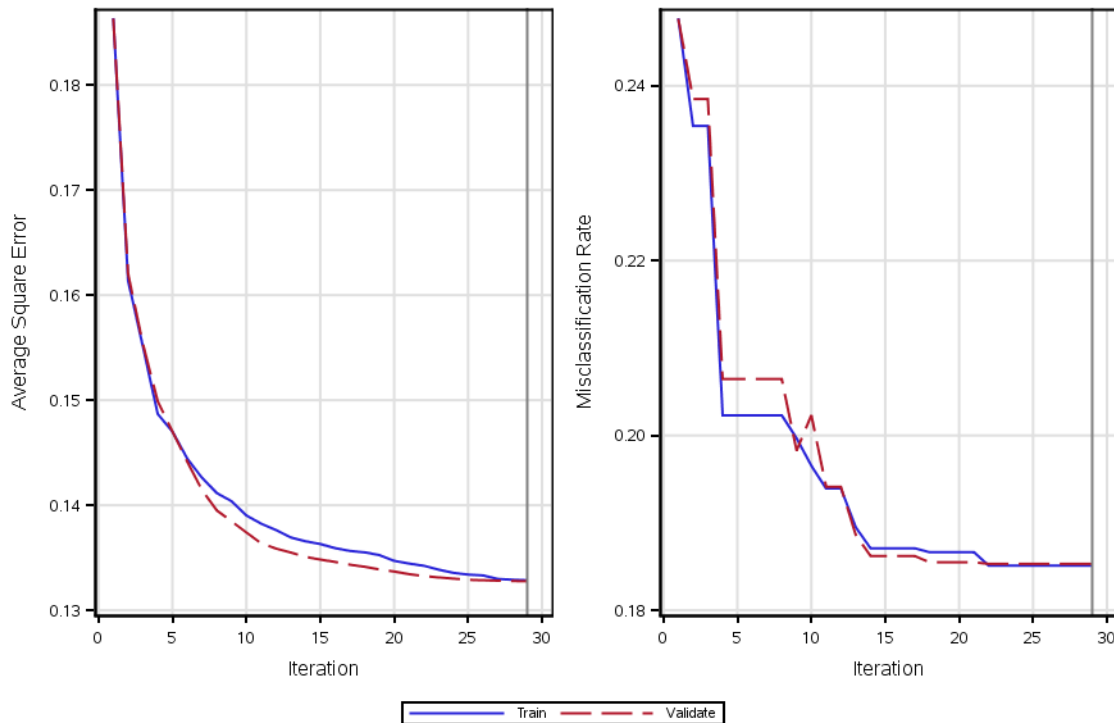
SAS Enterprise Miner Report  
Node=Decision Tree  
Tree Diagram

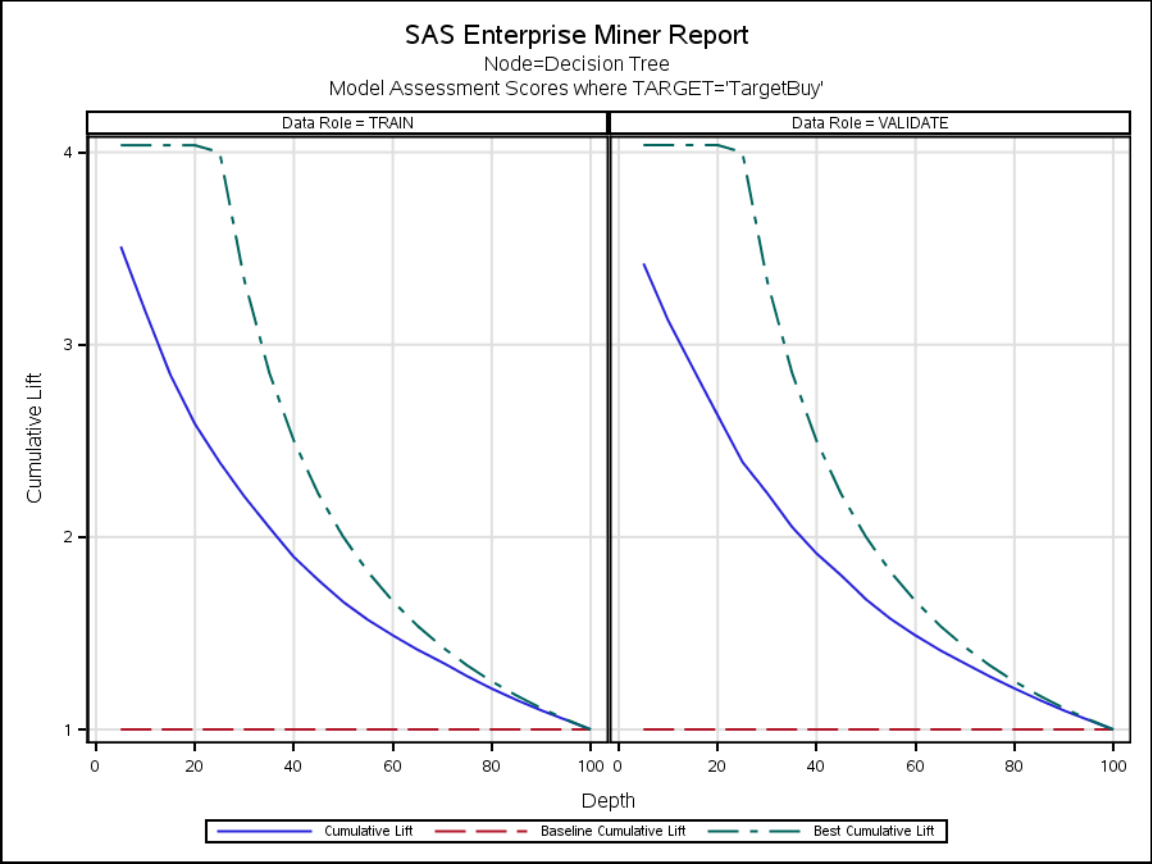
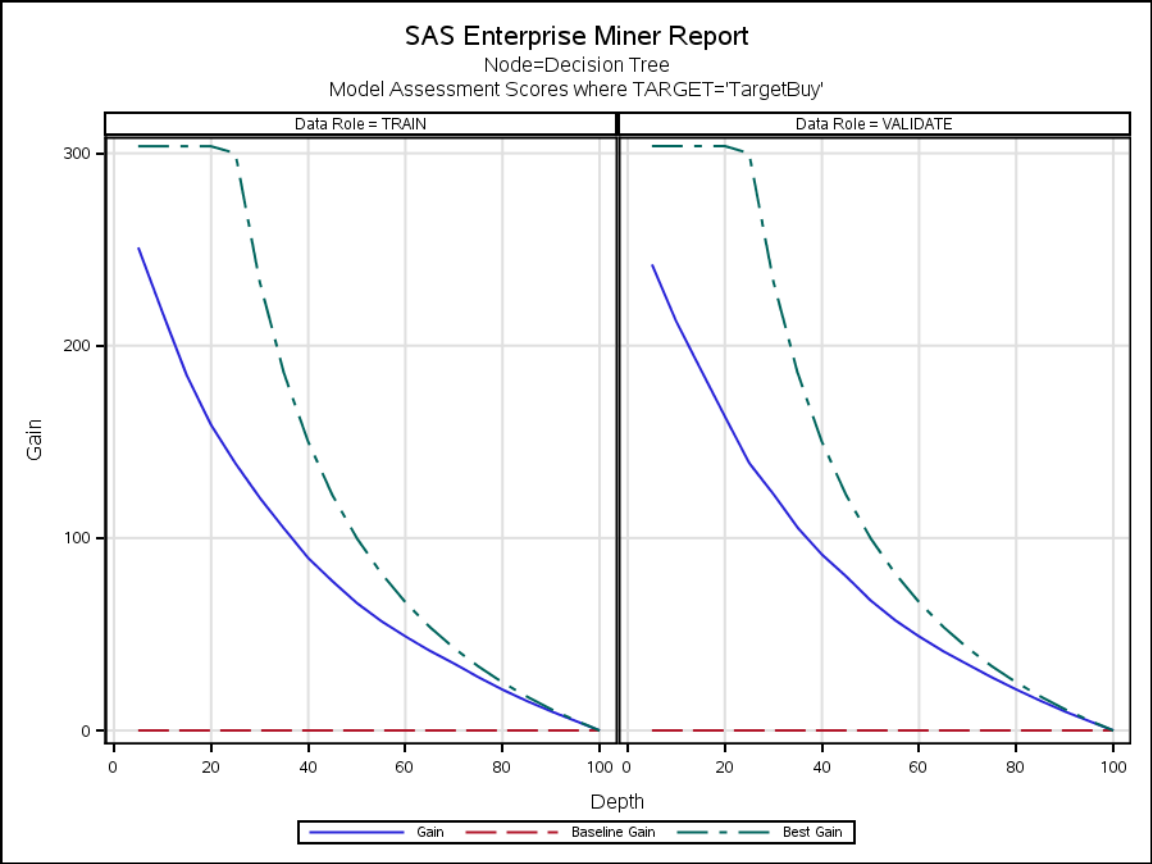


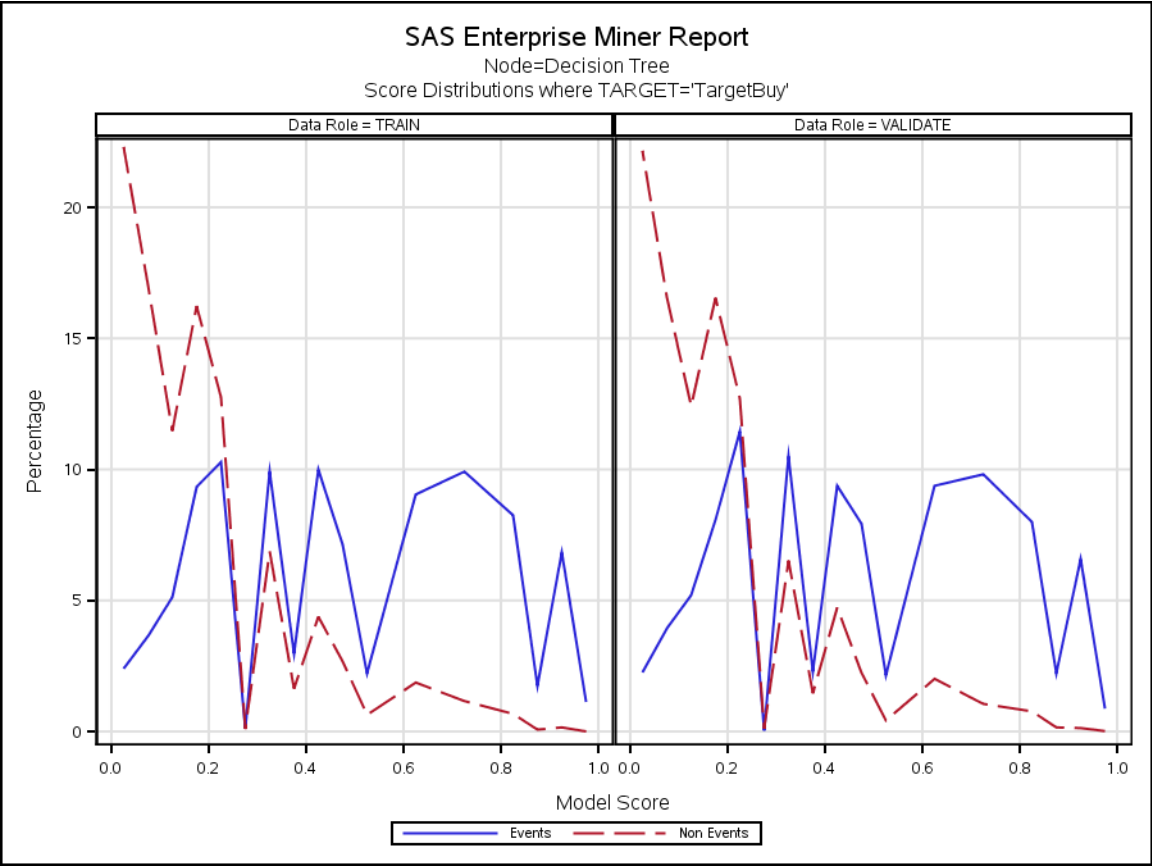
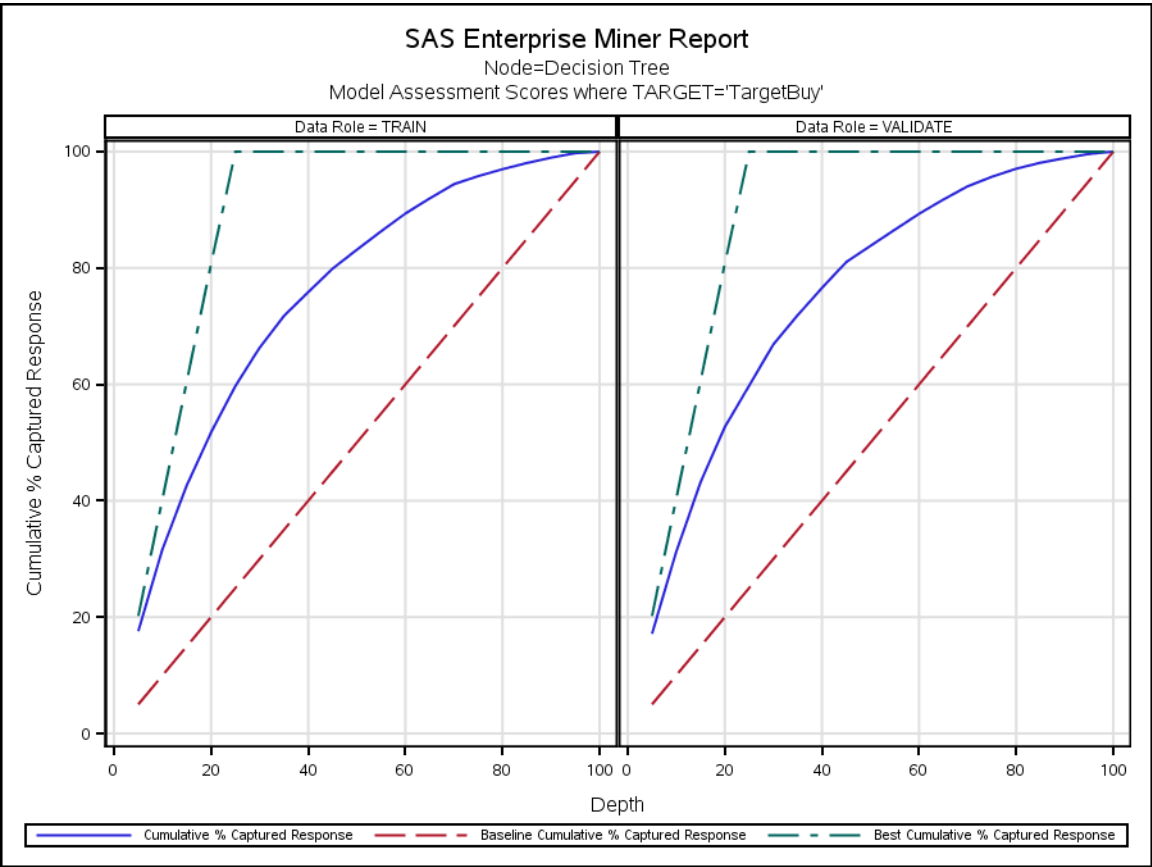
SAS Enterprise Miner Report  
Node=Decision Tree  
Treemap

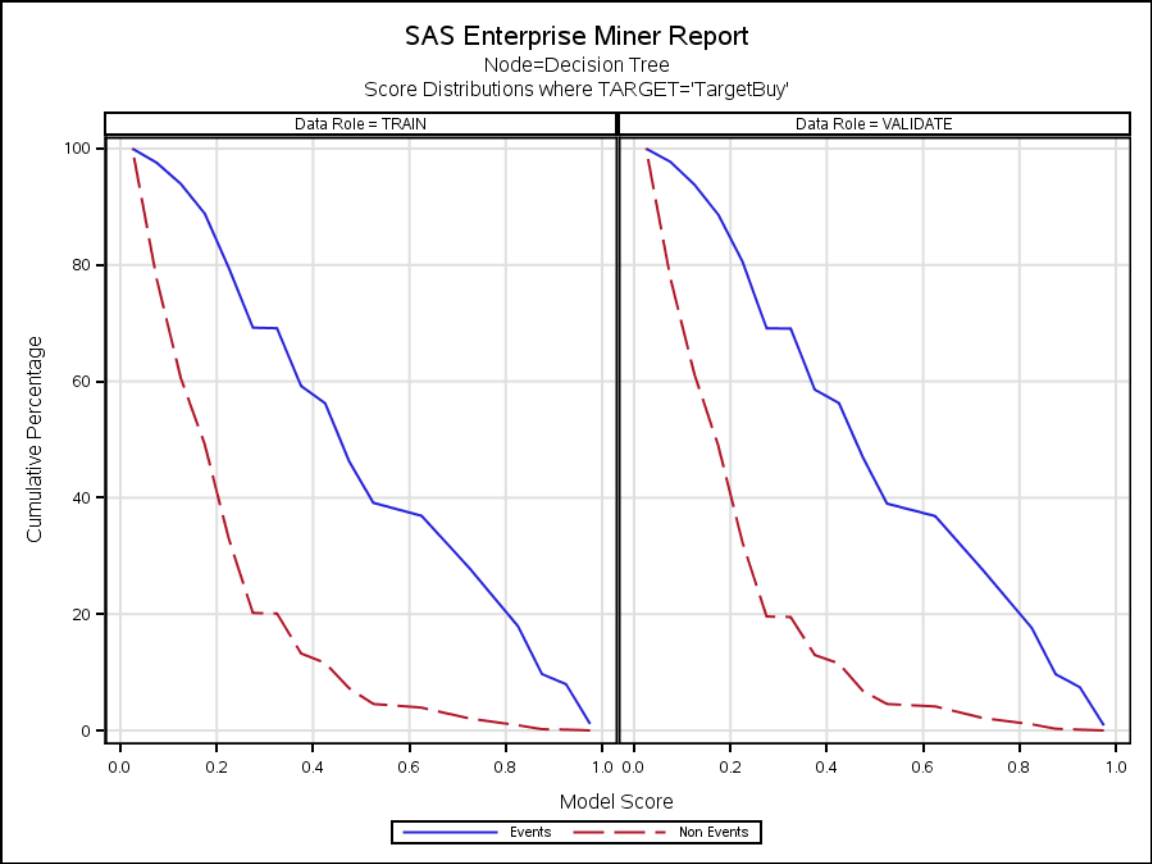


SAS Enterprise Miner Report  
Node=Decision Tree  
Model Iteration Plots









Node=Decision Tree  
Score Distributions

Target Variable=TargetBuy Data Role=TRAIN

Posterior Probability Range	Number of Events	Percentage of Events	Percentage of Nonevents	Cumulative Percentage of Events	Cumulative Percentage of Nonevents
0.95-1.00	31	1.1260	0.0000	1.126	0.000
0.90-0.95	188	6.8289	0.1555	7.955	0.156
0.85-0.90	48	1.7436	0.0718	9.699	0.227
0.80-0.85	227	8.2456	0.6699	17.944	0.897
0.70-0.75	273	9.9165	1.1604	27.861	2.058
0.60-0.65	249	9.0447	1.8663	36.905	3.924
0.50-0.55	61	2.2158	0.6340	39.121	4.558
0.45-0.50	196	7.1195	2.6678	46.240	7.226
0.40-0.45	275	9.9891	4.3785	56.230	11.604
0.35-0.40	82	2.9786	1.6390	59.208	13.243
0.30-0.35	273	9.9165	6.8669	69.125	20.110
0.25-0.30	3	0.1090	0.0957	69.234	20.206
0.20-0.25	283	10.2797	12.7527	79.513	32.958
0.15-0.20	257	9.3353	16.2340	88.849	49.192
0.10-0.15	141	5.1217	11.4727	93.970	60.665
0.05-0.10	100	3.6324	17.0355	97.603	77.701
0.00-0.05	66	2.3974	22.2993	100.000	100.000



Target Variable=TargetBuy Data Role=VALIDATE

Posterior Probability Range	Number of Events	Percentage of Events	Percentage of Nonevents	Cumulative Percentage of Events	Cumulative Percentage of Nonevents
0.95-1.00	24	0.8721	0.0120	0.872	0.012
0.90-0.95	181	6.5770	0.1316	7.449	0.144
0.85-0.90	61	2.2166	0.1555	9.666	0.299
0.80-0.85	220	7.9942	0.7656	17.660	1.065
0.70-0.75	270	9.8110	1.0528	27.471	2.117
0.60-0.65	258	9.3750	2.0098	36.846	4.127
0.50-0.55	59	2.1439	0.4187	38.990	4.546
0.45-0.50	218	7.9215	2.2371	46.911	6.783
0.40-0.45	258	9.3750	4.7254	56.286	11.509
0.35-0.40	63	2.2892	1.4595	58.576	12.968
0.30-0.35	289	10.5015	6.5199	69.077	19.488
0.25-0.30	1	0.0363	0.1077	69.113	19.596
0.20-0.25	315	11.4462	12.7049	80.560	32.301
0.15-0.20	222	8.0669	16.5450	88.626	48.846
0.10-0.15	143	5.1962	12.4178	93.823	61.263
0.05-0.10	108	3.9244	16.5809	97.747	77.844
0.00-0.05	62	2.2529	22.1558	100.000	100.000

## SAS Enterprise Miner Report

### Node=ORGANICS Summary

Node id = Ids  
Node label = ORGANICS  
Meta path = Ids  
Notes =

### Node=ORGANICS Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	DataSource		DsCreatedBy	garthgarthmorten0		NBytes	2229248	.
ApplyIntervalLevelLowerLimit	Y		DsId	organics		NCols	13	.
ApplyMaxClassLevels	Y		DsModifiedBy	garthgarthmorten0		NObs	22223	.
ApplyMaxPercentMissing	Y		DsModifyDate	1822345619.8		NewTable		
CMeta	WORK.M2UYMVXO		DsSampleName			NewVariableRole	REJECT	
ComputeStatistics	N		DsSampleSize			OutputType	VIEW	
DBPassThrough	Y		DsSampleSizeType			Role	RAW	TRAIN
Data	AAEM.ORGANICS		DsScope	LOCAL		Sample	D	
DataSelection	DATASOURCE		IdentifyEmptyColumns	Y		SampleSizeObs	10000	
DataSource	organics		IntervalLowerLimit	20		SampleSizePercent	20	
DataSourceRole	RAW		Library	AAEM		SampleSizeType	PERCENT	
Description			MaxClassLevels	20		Scope	LOCAL	
DropMapVariables	Y		MaxPercentMissing	50		Segment		
DsCreateDate	1822345619.8		MetaAdvisor	BASIC		Table	ORGANICS	

### Node=ORGANICS Data Attributes

Attribute	Value	Attribute	Value	Attribute	Value
Data Name	ORGANICS	Date Created	02Apr2012:18:02:36	Data Size	2229248
Data Type	DATA	Date Modified	02Apr2012:18:02:36	Role	RAW
Data Label		Number Rows	22223	Segment	
Engine	BASE	Number Columns	13	Data Library	AAEM

### Node=ORGANICS Variables List

Name	Label	Role	Level	Type	Length	Format	Creator
DemAffl	Affluence Grade	INPUT	INTERVAL	N	8		
DemAge	Age	INPUT	INTERVAL	N	8		
DemCluster	Neighborhood Cluster-55 Level	REJECTED	NOMINAL	C	2		
DemClusterGroup	Neighborhood Cluster-7 Level	INPUT	NOMINAL	C	1		
DemGender	Gender	INPUT	NOMINAL	C	1		
DemReg	Geographic Region	INPUT	NOMINAL	C	10		
DemTVReg	Television Region	INPUT	NOMINAL	C	12		
ID	Customer Loyalty ID	ID	NOMINAL	C	10		
PromClass	Loyalty Status	INPUT	NOMINAL	C	8		
PromSpend	Total Spend	INPUT	INTERVAL	N	8		
PromTime	Loyalty Card Tenure	INPUT	INTERVAL	N	8		

Name	Label	Role	Level	Type	Length	Format	Creator
TargetAmt	Organics Purchase Count	REJECTED	INTERVAL	N	8		
TargetBuy	Organics Purchase Indicator	TARGET	BINARY	N	8		

## SAS Enterprise Miner Report

### Node=Decision Tree (2) Summary

Node id = Tree2  
Node label = Decision Tree (2)  
Meta path = Ids => Part => Tree2  
Notes =

### Node=Decision Tree (2) Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	DecisionTree		Kass	Y		Pred	N	
AVG	Y		KassApply	BEFORE		Predict	Y	
AssessMeasure	ASE	PROFIT/LOSS	LeafSize	5		ProfitLoss	NONE	
AssessPercentage	0.25		Leafid	Y		RASE	N	
CV	N		Maxbranch	3	2	SampleMethod	RANDOM	
CVNIter	10		Maxdepth	6		SampleSeed	12345	
CVRepeat	1		MinCatSize	5		SampleSize	10000	
CVSeed	12345		MissingValue	USEINSEARCH		ShowNodeId	Y	
ClassColorBy	PERCENTCORRECT		NSubtree	1		ShowValid	Y	
Count	Y		NodeRole	SEGMENT		SigLevel	0.2	
CreateSample	DEFAULT		NodeSample	20000		SplitPrecision	4	
Criterion	DEFAULT		NominalCriterion	PROBCHISQ		Splitsize	.	
Depth	Y		Nrules	5		Subtree	ASSESSMENT	
Dummy	N		Nsurrs	0		Target	ALL	
Exhaustive	5000		NumInputs	1		ToolType	MODEL	
Freeze	N		NumSingleImp	5		TrainMode	BATCH	
ImportModel	N		ObsImportance	N		UseDecision	N	
ImportedTreeData			OrdinalCriterion	ENTROPY		UseMultipleTarget	N	
Inputs	N		PercentCorrect	N		UsePriors	N	
IntColorBy	AVG		Performance	DISK		UseVarOnce	N	
IntervalCriterion	PROBF		Precision	4		VarSelection	Y	

### Node=Decision Tree (2) Variable Summary

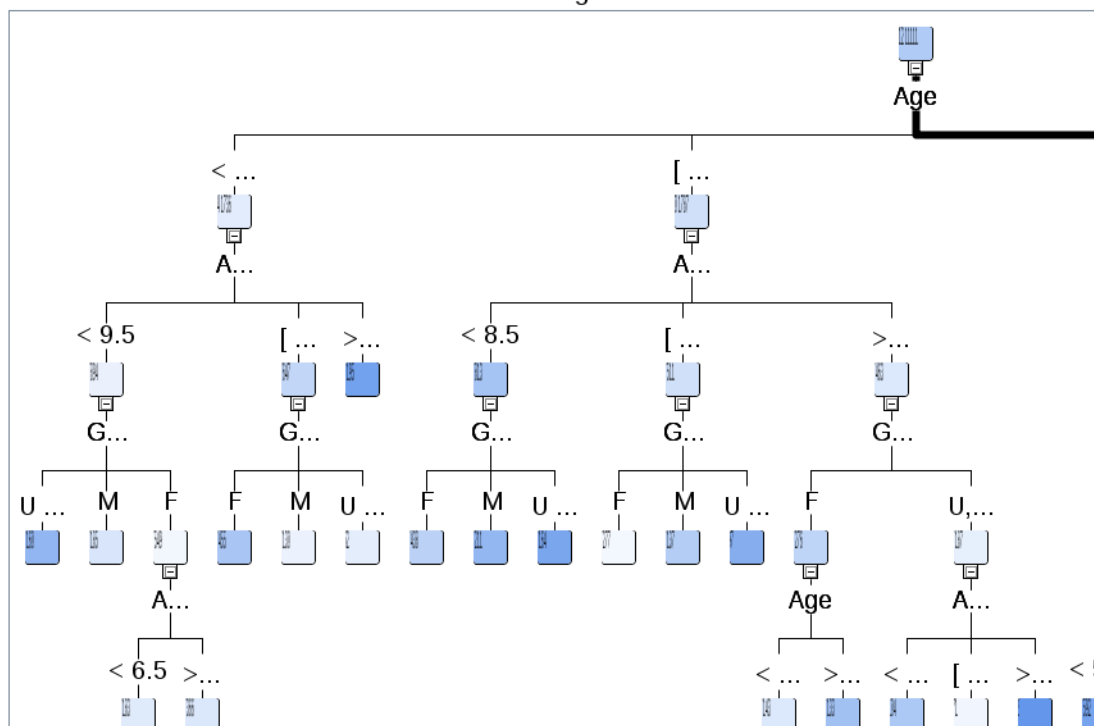
Role	Level	Frequency Count	Name
TARGET	BINARY	1	TargetBuy
INPUT	INTERVAL	4	DemAffl DemAge PromSpend PromTime
INPUT	NOMINAL	5	DemClusterGroup DemGender DemReg DemTVReg PromClass
ID	INTERVAL	1	_dataobs_
ID	NOMINAL	1	ID

### Node=Decision Tree (2) Model Fit Statistics

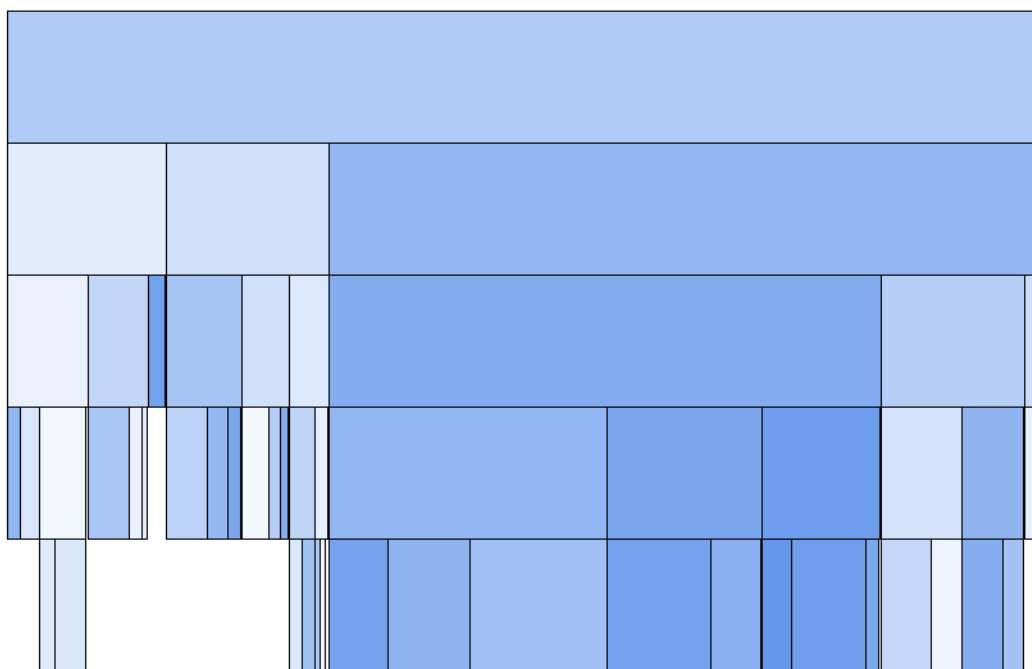
Target=TargetBuy Target Label=Organics Purchase Indicator

Label of Statistic	Train	Validation	Test
Sum of Frequencies	11112.00	11111.00	.
Misclassification Rate	0.18	0.19	.
Maximum Absolute Error	1.00	1.00	.
Sum of Squared Errors	2955.99	2948.02	.
Average Squared Error	0.13	0.13	.
Root Average Squared Error	0.36	0.36	.
Divisor for ASE	22224.00	22222.00	.
Total Degrees of Freedom	11112.00	.	.

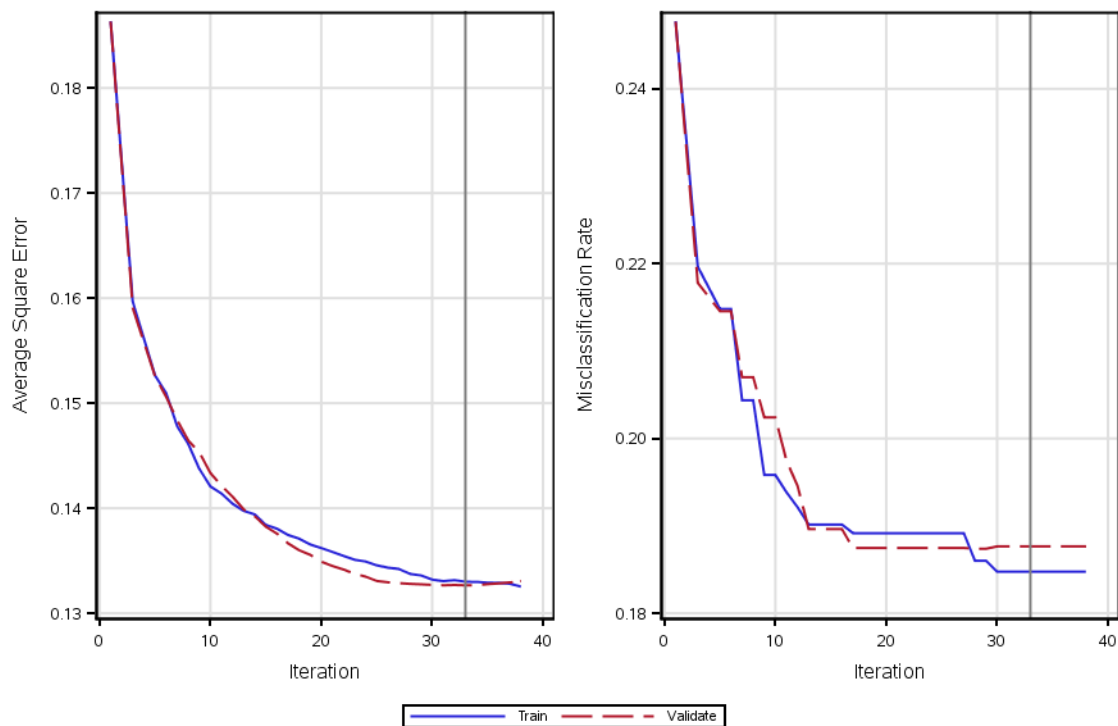
SAS Enterprise Miner Report  
Node=Decision Tree (2)  
Tree Diagram

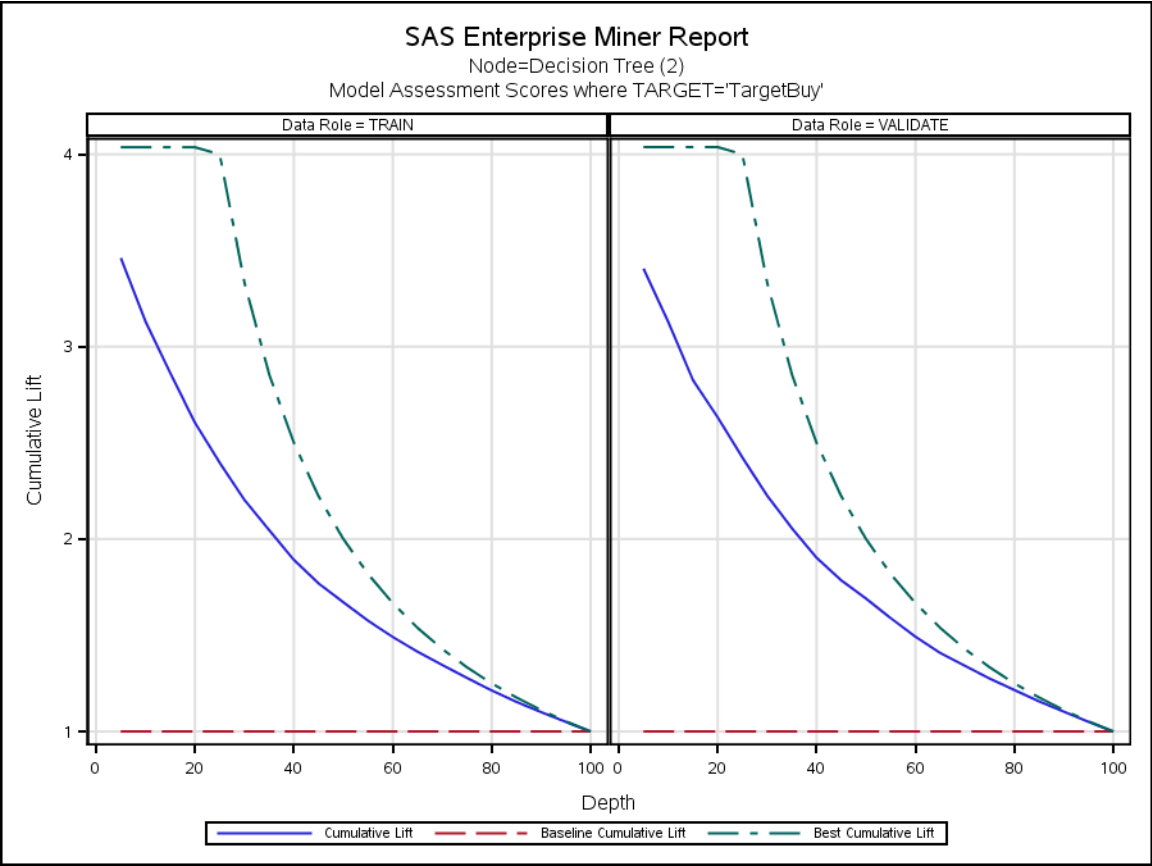
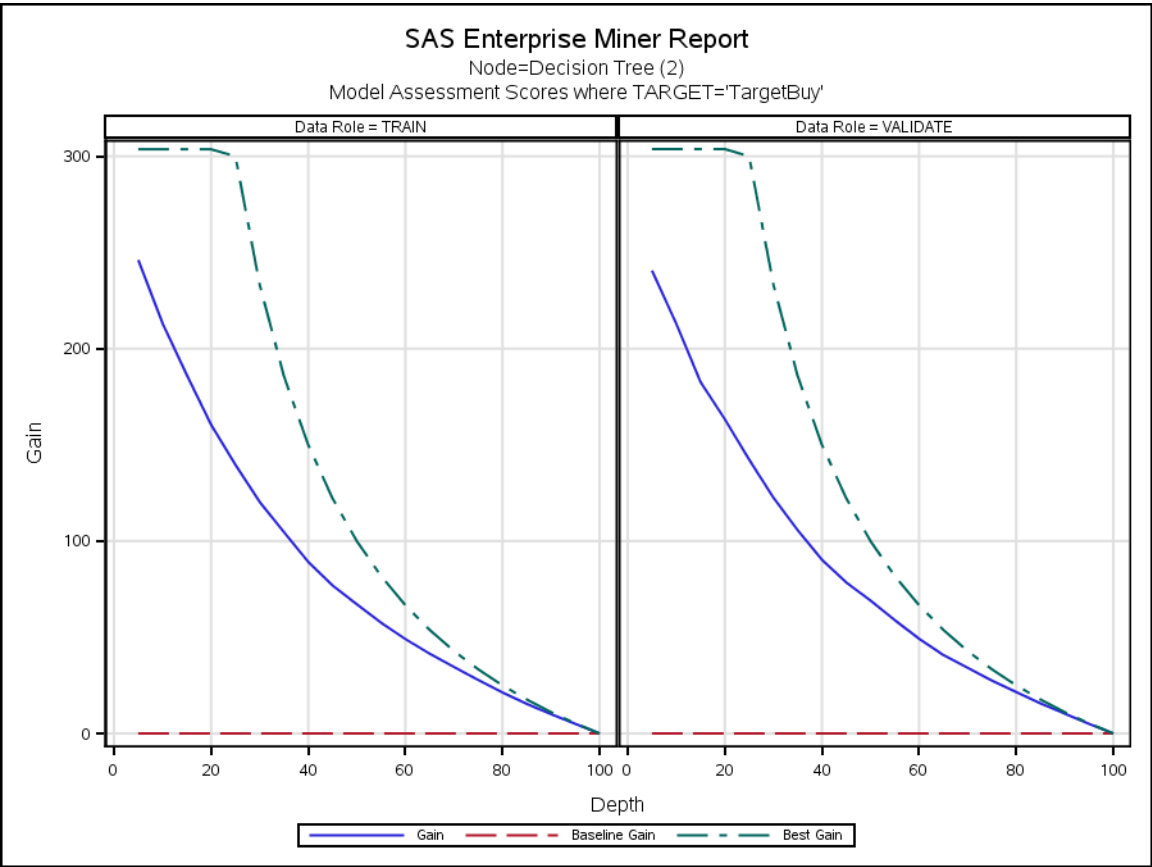


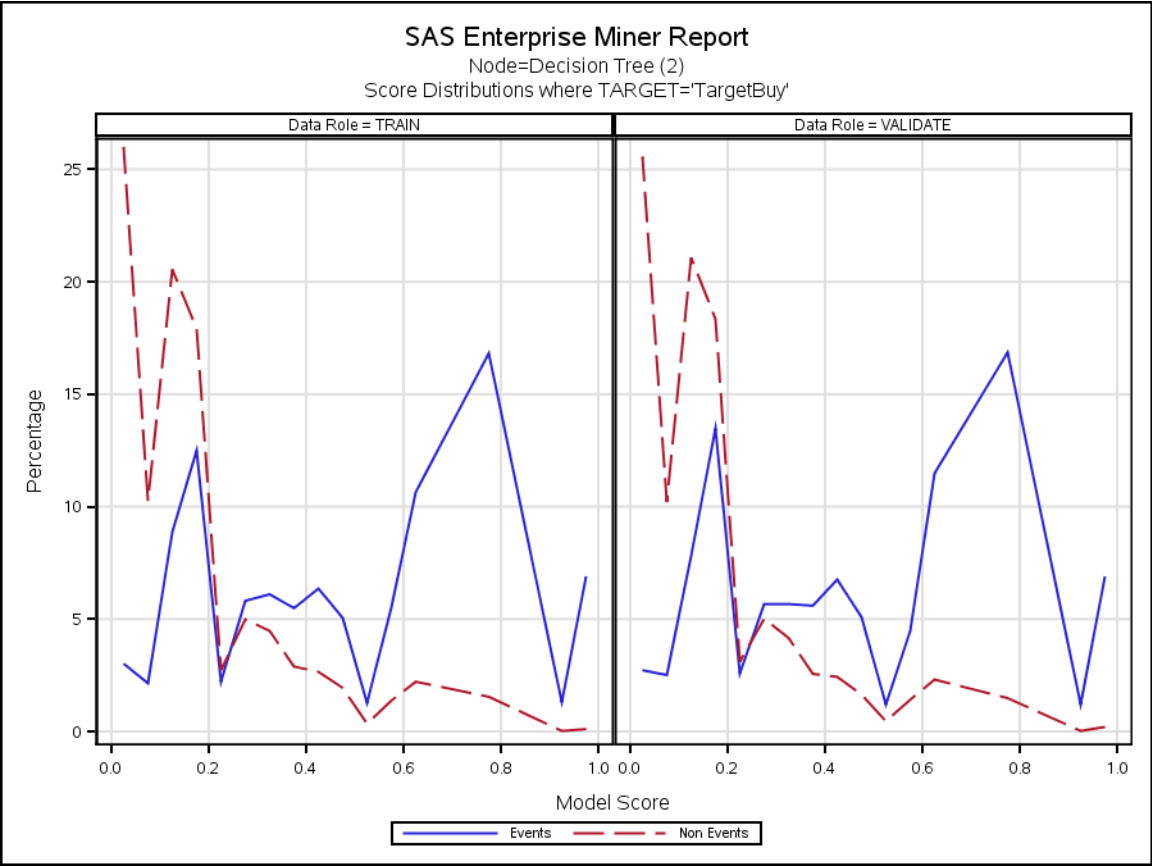
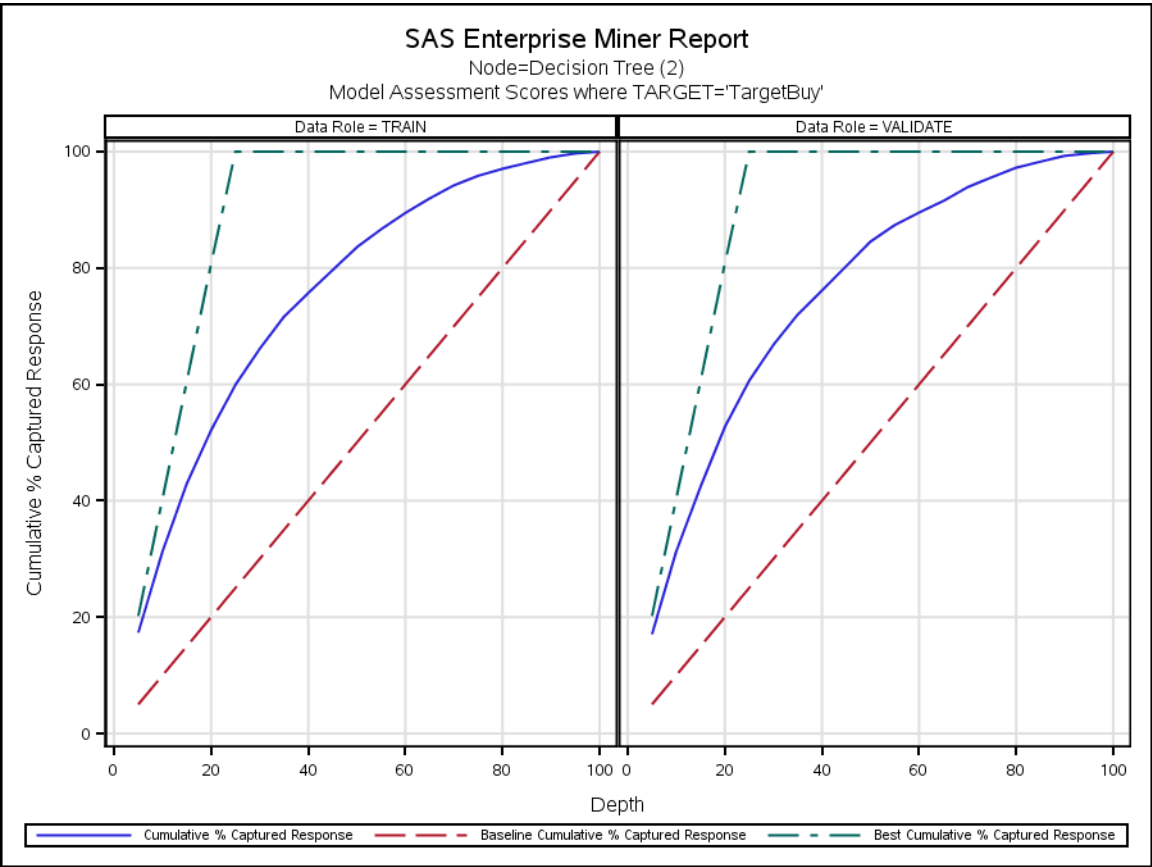
SAS Enterprise Miner Report  
Node=Decision Tree (2)  
Treemap



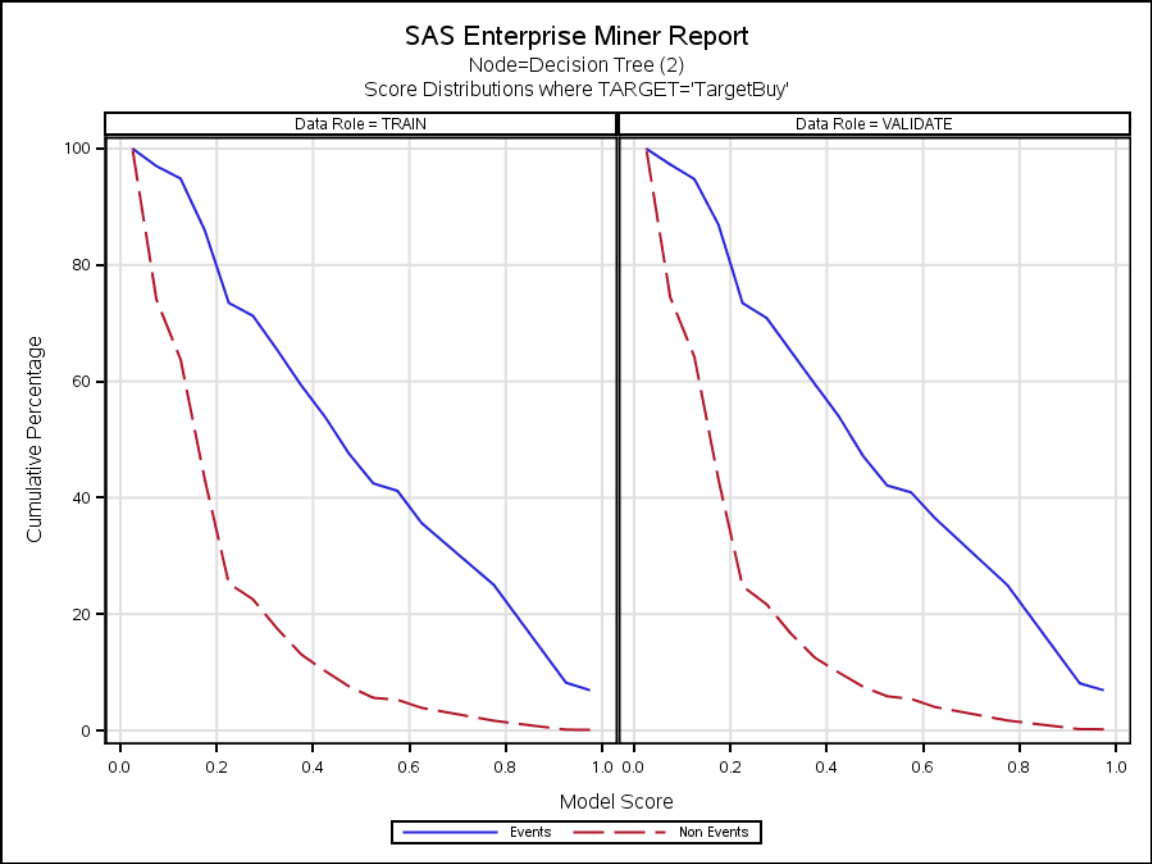
SAS Enterprise Miner Report  
Node=Decision Tree (2)  
Model Iteration Plots











Node=Decision Tree (2)  
Score Distributions

Target Variable=TargetBuy Data Role=TRAIN

Posterior Probability Range	Number of Events	Percentage of Events	Percentage of Nonevents	Cumulative Percentage of Events	Cumulative Percentage of Nonevents
0.95-1.00	190	6.9016	0.1077	6.902	0.108
0.90-0.95	36	1.3077	0.0239	8.209	0.132
0.75-0.80	463	16.8180	1.5432	25.027	1.675
0.60-0.65	293	10.6429	2.2132	35.670	3.888
0.55-0.60	152	5.5212	1.3758	41.191	5.264
0.50-0.55	35	1.2713	0.3469	42.463	5.611
0.45-0.50	139	5.0490	1.9380	47.512	7.549
0.40-0.45	175	6.3567	2.6558	53.869	10.205
0.35-0.40	151	5.4849	2.8831	59.353	13.088
0.30-0.35	168	6.1024	4.4742	65.456	17.562
0.25-0.30	160	5.8118	4.9886	71.268	22.551
0.20-0.25	61	2.2158	2.7276	73.483	25.278
0.15-0.20	344	12.4955	17.9208	85.979	43.199
0.10-0.15	244	8.8631	20.5527	94.842	63.752
0.05-0.10	59	2.1431	10.2524	96.985	74.004
0.00-0.05	83	3.0149	25.9959	100.000	100.000

Target Variable=TargetBuy Data Role=VALIDATE

Posterior Probability Range	Number of Events	Percentage of Events	Percentage of Nonevents	Cumulative Percentage of Events	Cumulative Percentage of Nonevents
0.95-1.00	190	6.9041	0.2034	6.904	0.203
0.90-0.95	33	1.1991	0.0239	8.103	0.227
0.75-0.80	464	16.8605	1.4834	24.964	1.711
0.60-0.65	316	11.4826	2.3089	36.446	4.020
0.55-0.60	123	4.4695	1.4117	40.916	5.431
0.50-0.55	33	1.1991	0.4546	42.115	5.886
0.45-0.50	140	5.0872	1.6390	47.202	7.525
0.40-0.45	186	6.7587	2.4285	53.961	9.953
0.35-0.40	154	5.5959	2.5601	59.557	12.513
0.30-0.35	156	5.6686	4.1632	65.225	16.677
0.25-0.30	156	5.6686	5.0126	70.894	21.689
0.20-0.25	71	2.5799	3.1104	73.474	24.800
0.15-0.20	371	13.4811	18.3515	86.955	43.151
0.10-0.15	215	7.8125	21.0791	94.767	64.230
0.05-0.10	69	2.5073	10.2046	97.275	74.435
0.00-0.05	75	2.7253	25.5653	100.000	100.000

## SAS Enterprise Miner Report

### Node=Reporter Summary

Node id = Report  
 Node label = Reporter  
 Meta path = Ids => Part => Tree => Report  
 Notes =

### Node=Reporter Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Reporter		LiftChart	Y		basicoutput	Y	
Classification	Y		Nodes	ALL	PATH	headersize	8	
CompareMdl	Y		ShowAll	N		textfont	Arial	
CrossTabs	Y		Style	LISTING	DEFAULT	textsize	6	
FitStat	Y		Summarization	Y		titlesize	10	
Format	PDF		VarRanking	Y				

### Node=Reporter Variable Summary

Role	Level	Frequency Count	Name
INPUT	INTERVAL	2	DemAffl DemAge
INPUT	NOMINAL	1	DemGender

## SAS Enterprise Miner Report

### Node=StatExplore Summary

Node id = Stat  
Node label = StatExplore  
Meta path = Ids => Stat  
Notes =

### Node=StatExplore Properties

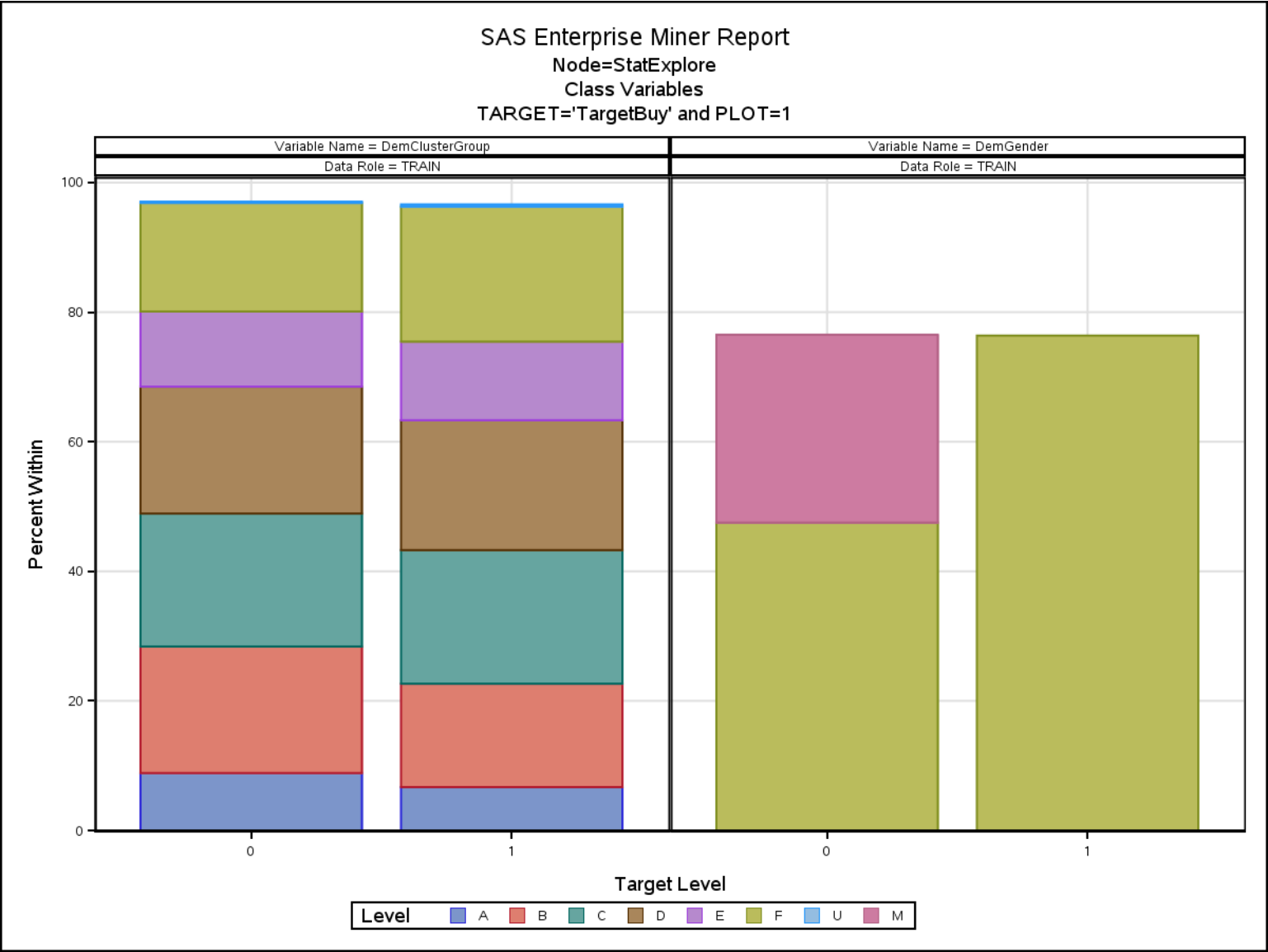
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	StatExplore		Correlation	Y		NObs	100000	1000000
BySegment	N	Y	DropRejected	Y		Pearson	Y	
ChiSquare	Y		HideVariable	Y		Spearman	N	
ChiSquareInterval	N		IntervalDistribution	Y		UseScore	N	
ChiSquareIntervalNBins	5		LevelSummary	Y		UseTest	N	
ClassDistribution	Y		MaximumVars	1000		UseValidate	N	

### Node=StatExplore Variable Summary

Role	Level	Frequency Count	Name
INPUT	INTERVAL	4	DemAffl DemAge PromSpend PromTime
INPUT	NOMINAL	5	DemClusterGroup DemGender DemReg DemTVReg PromClass

Target	Variable	Importance	Worth	Analysis Variable	Label	plot
TargetBuy	DemAge	1	0.052850	1	Age	.
TargetBuy	DemAffl	2	0.045330	1	Affluence Grade	.
TargetBuy	DemGender	3	0.025615	1	Gender	.
TargetBuy	PromSpend	4	0.005229	1	Total Spend	.
TargetBuy	PromClass	5	0.004298	1	Loyalty Status	.
TargetBuy	PromTime	6	0.001680	1	Loyalty Card Tenure	.
TargetBuy	DemClusterGroup	7	0.001183	1	Neighborhood Cluster-7 Level	.
TargetBuy	DemTVReg	8	0.000605	1	Television Region	.
TargetBuy	DemReg	9	0.000270	1	Geographic Region	.

Data Role	Segment	Segment Id	Segment Name:Value	Target	Input	Cramer's V	Prob	Chi-Square	Df	Role	Label	Ordered Inputs	Group	Plot
TRAIN			_OVERALL_	TargetBuy	DemGender	0.25975	<.0001	1499.3755	3	INPUT	Gender	1	1	1
TRAIN			_OVERALL_	TargetBuy	PromClass	0.11247	<.0001	281.1281	3	INPUT	Loyalty Status	2	2	1
TRAIN			_OVERALL_	TargetBuy	DemClusterGroup	0.06632	<.0001	97.7389	7	INPUT	Neighborhood Cluster-7 Level	3	3	1
TRAIN			_OVERALL_	TargetBuy	DemTVReg	0.03260	0.0348	23.6238	13	INPUT	Television Region	4	4	1
TRAIN			_OVERALL_	TargetBuy	DemReg	0.02001	0.1134	8.8937	5	INPUT	Geographic Region	5	5	1



## SAS Enterprise Miner Report

### Node=Impute Summary

Node id = Impt  
Node label = Impute  
Meta path = Ids => Part => Impt  
Notes =

### Node=Impute Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Impute		IndicatorRole	REJECTED		MinCatSize	5	
ABWTuning	9		IndicatorSource	IMPUTED		Normalize	Y	
AHUBERTuning	1.5		LeafSize	5		Nrules	5	
AWAVE Tuning	6.2831853072		MaxPctMissing	50		Nsurrs	2	
DefaultChar	U		Maxbranch	2		RandomSeed	12345	
DefaultNum	.		Maxdepth	6		ReplaceVariable	N	
DistributionMissing	N		MethodClass	COUNT		SpacingProportion	90	
HideVariable	Y		MethodInterval	MEAN		Splitsize	.	
ImputeNoMissing	N		MethodTargetClass	NONE		ValidateTestMissing	N	
Indicator	NONE		MethodTargetInterval	NONE				

### Node=Impute Variable Summary

Role	Level	Frequency Count	Name
INPUT	INTERVAL	4	DemAffl DemAge PromSpend PromTime
INPUT	NOMINAL	5	DemClusterGroup DemGender DemReg DemTVReg PromClass

### Node=Impute Imputation Summary

Variable Name	Impute Method	Imputed Variable	Impute Value	Role	Measurement Level	Label	Number of Missing for TRAIN
DemAffl	MEAN	IMP_DemAffl	8.7030320204	INPUT	INTERVAL	Affluence Grade	525
DemAge	MEAN	IMP_DemAge	53.892095358	INPUT	INTERVAL	Age	751
DemClusterGroup	COUNT	IMP_DemClusterGroup	C	INPUT	NOMINAL	Neighborhood Cluster-7 Level	328
DemGender	COUNT	IMP_DemGender	F	INPUT	NOMINAL	Gender	1215
DemReg	COUNT	IMP_DemReg	South East	INPUT	NOMINAL	Geographic Region	236
DemTVReg	COUNT	IMP_DemTVReg	London	INPUT	NOMINAL	Television Region	236
PromTime	MEAN	IMP_PromTime	6.5710641399	INPUT	INTERVAL	Loyalty Card Tenure	136

## SAS Enterprise Miner Report

### Node=Regression Summary

Node id = Reg  
Node label = Regression  
Meta path = Ids => Part => Impt => Reg  
Notes =

### Node=Regression Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Regression		Force	0		PolynomialDegree	2	
AbsConValue	-1.34078E154	-7.237006E75	GConvTimes	1		PrintDesignMatrix	N	
AbsFTime	1		GConvValue	1E-6		Rule	NONE	
AbsFValue	0		Hierarchy	CLASS		SASSPDS	N	
AbsGTime	1		InputCoding	DEVIATION		SelectionCriterion	VERROR	DEFAULT
AbsGValue	0.00001		Interactions			SelectionDefault	Y	
AbsXTime	1		LinkFunction	LOGIT		Sequential	N	
AbsXValue	1E-8		MainEffect	Y		Simple	N	
CIParam	N		MaxCPUTime	1 HOUR		SIEntry	0.05	
ConvDefaults	Y		MaxFunctionCalls	.		SIStay	0.05	
CorB	N		MaxIterations	.		Start	0	
CovB	N		MaxStep	.		StepOutput	N	
Covout	N		MinResourceUse	N		Stop	0	
Details	N		ModelDefaults	Y		SuppressIntercept	N	
Error	LOGISTIC		ModelSelection	STEPWISE	NONE	SuppressOutput	N	
ExcludedVariable	REJECT		OptimizationTechnique	DEFAULT		Terms	N	
FConvTimes	1		Performance	N		TwoFactor	N	
FConvValue	0		Polynomial	N				

### Node=Regression Variable Summary

Role	Level	Frequency Count	Name
TARGET	BINARY	1	TargetBuy
INPUT	INTERVAL	4	IMP_DemAffl IMP_DemAge IMP_PromTime PromSpend
INPUT	NOMINAL	5	IMP_DemClusterGroup IMP_DemGender IMP_DemReg IMP_DemTVReg PromClass

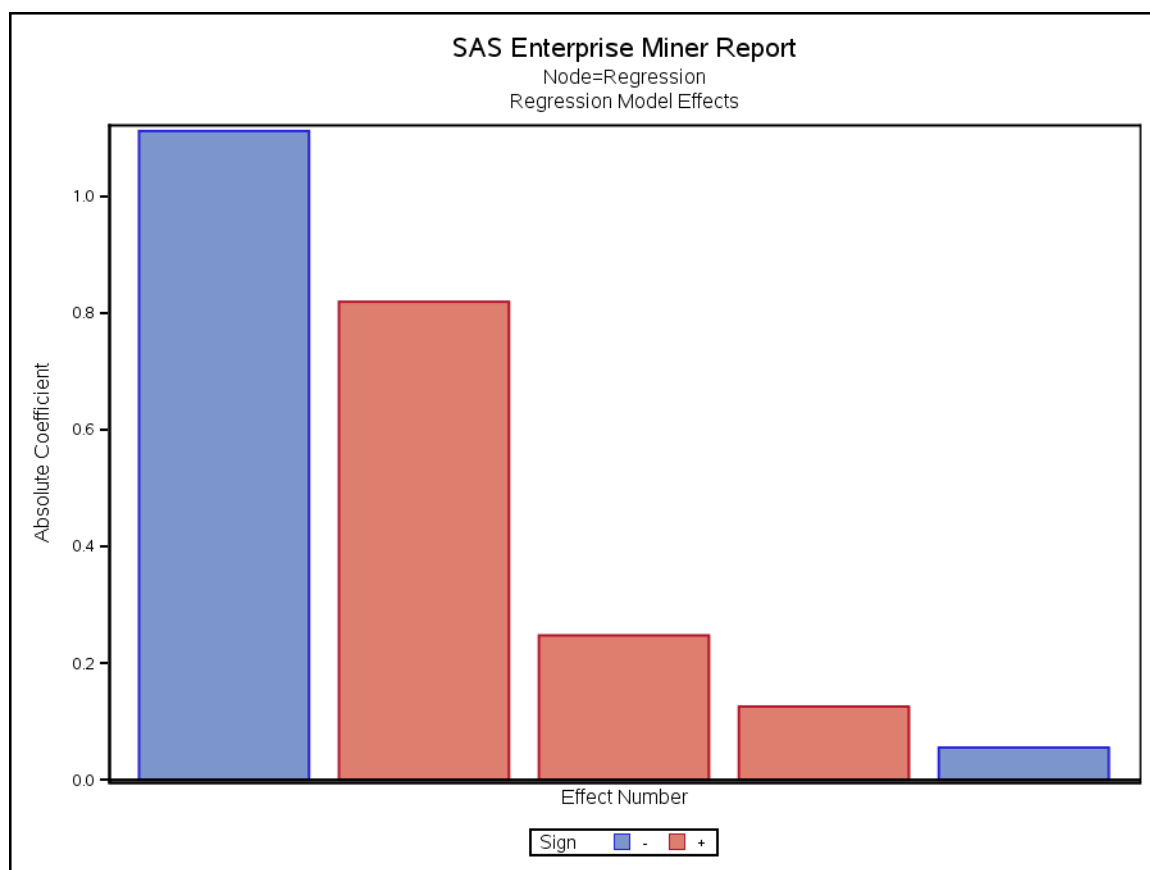
### Node=Regression Model Fit Statistics

Target=TargetBuy Target Label=Organics Purchase Indicator

Label of Statistic	Train	Validation	Test
Akaike's Information Criterion	9969.42	.	.
Average Squared Error	0.14	0.14	.
Average Error Function	0.45	0.45	.
Degrees of Freedom for Error	11107.00	.	.
Model Degrees of Freedom	5.00	.	.
Total Degrees of Freedom	11112.00	.	.

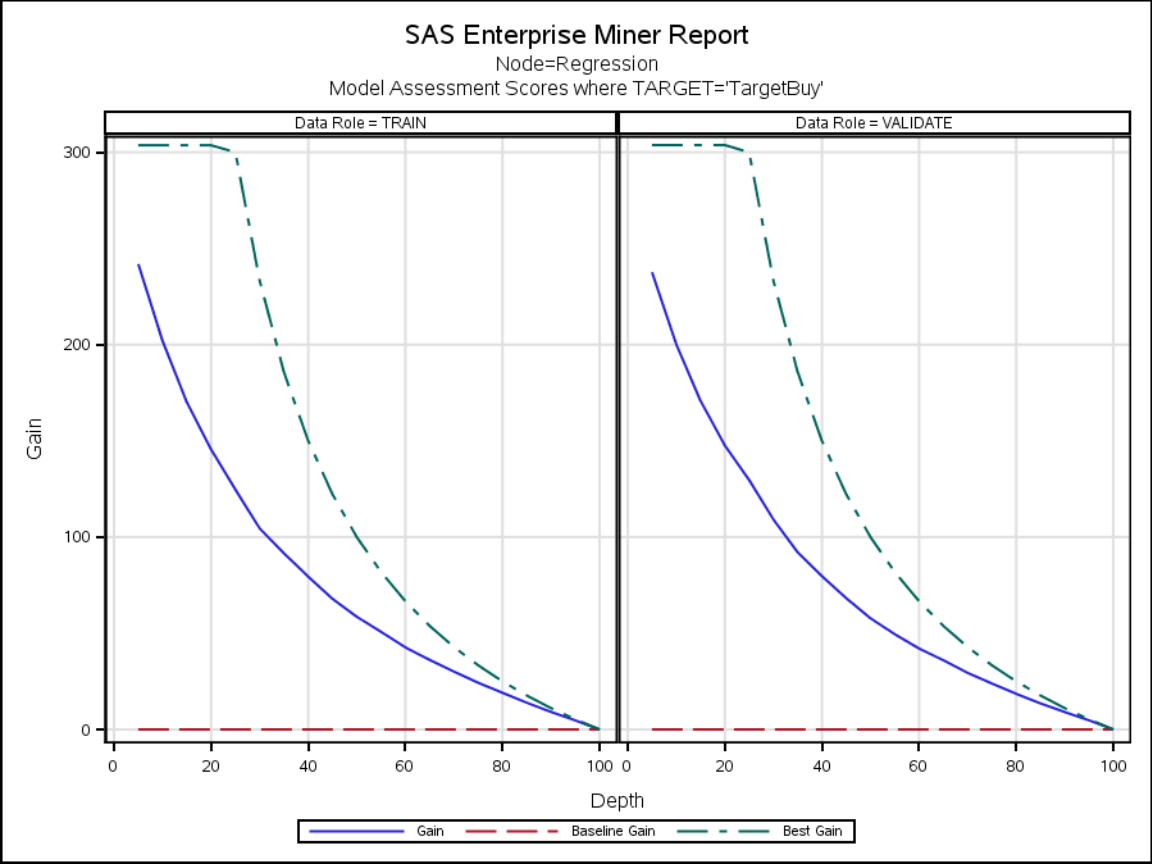
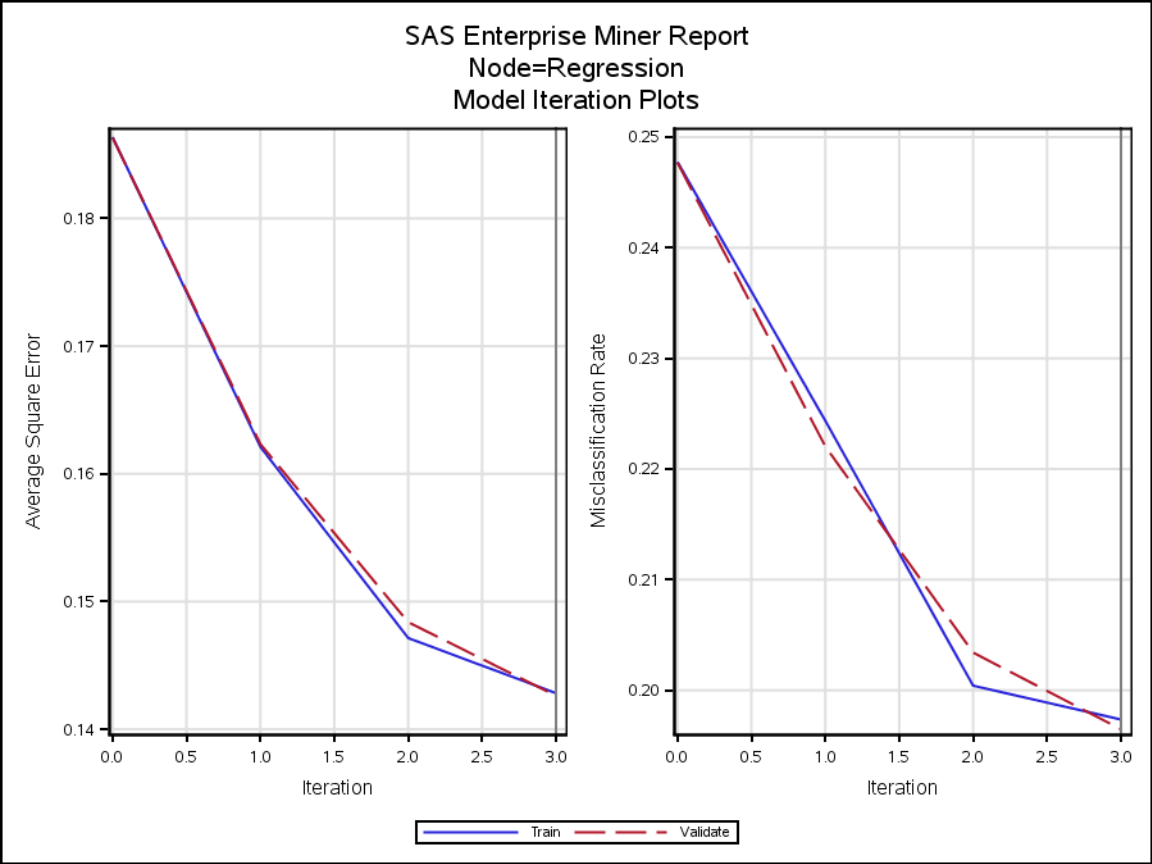
Target=TargetBuy Target Label=Organics Purchase Indicator

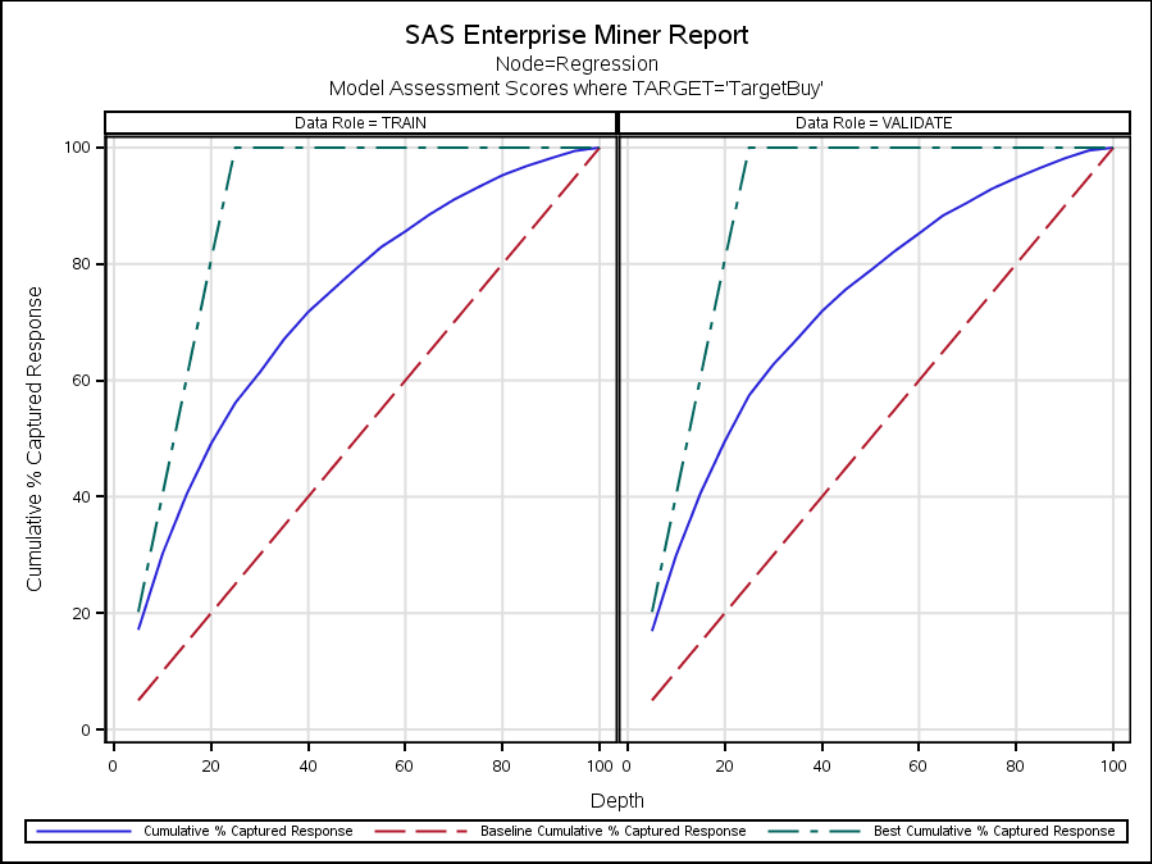
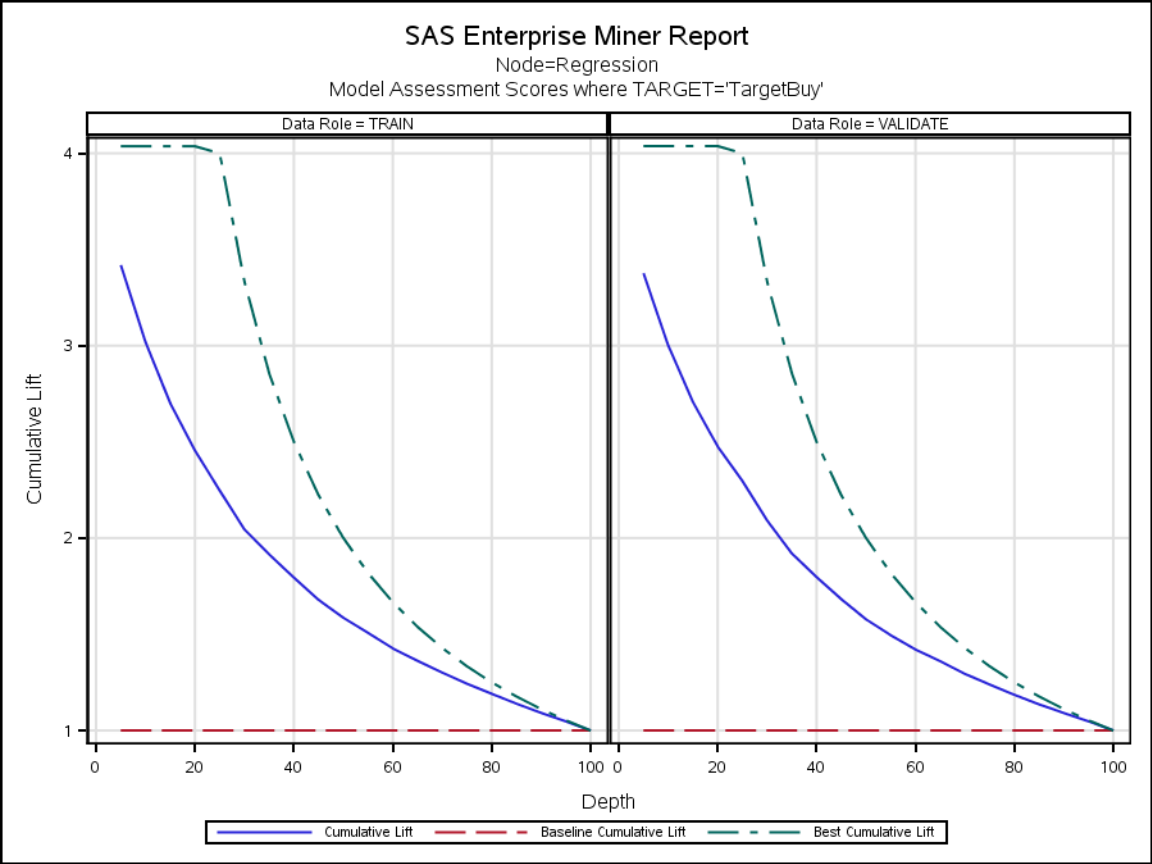
Label of Statistic	Train	Validation	Test
Divisor for ASE	22224.00	22222.00	.
Error Function	9959.42	9960.72	.
Final Prediction Error	0.14	.	.
Maximum Absolute Error	0.99	0.99	.
Mean Square Error	0.14	0.14	.
Sum of Frequencies	11112.00	11111.00	.
Number of Estimate Weights	5.00	.	.
Root Average Sum of Squares	0.38	0.38	.
Root Final Prediction Error	0.38	.	.
Root Mean Squared Error	0.38	0.38	.
Schwarz's Bayesian Criterion	10006.00	.	.
Sum of Squared Errors	3174.27	3169.40	.
Sum of Case Weights Times Freq	22224.00	22222.00	.
Misclassification Rate	0.20	0.20	.

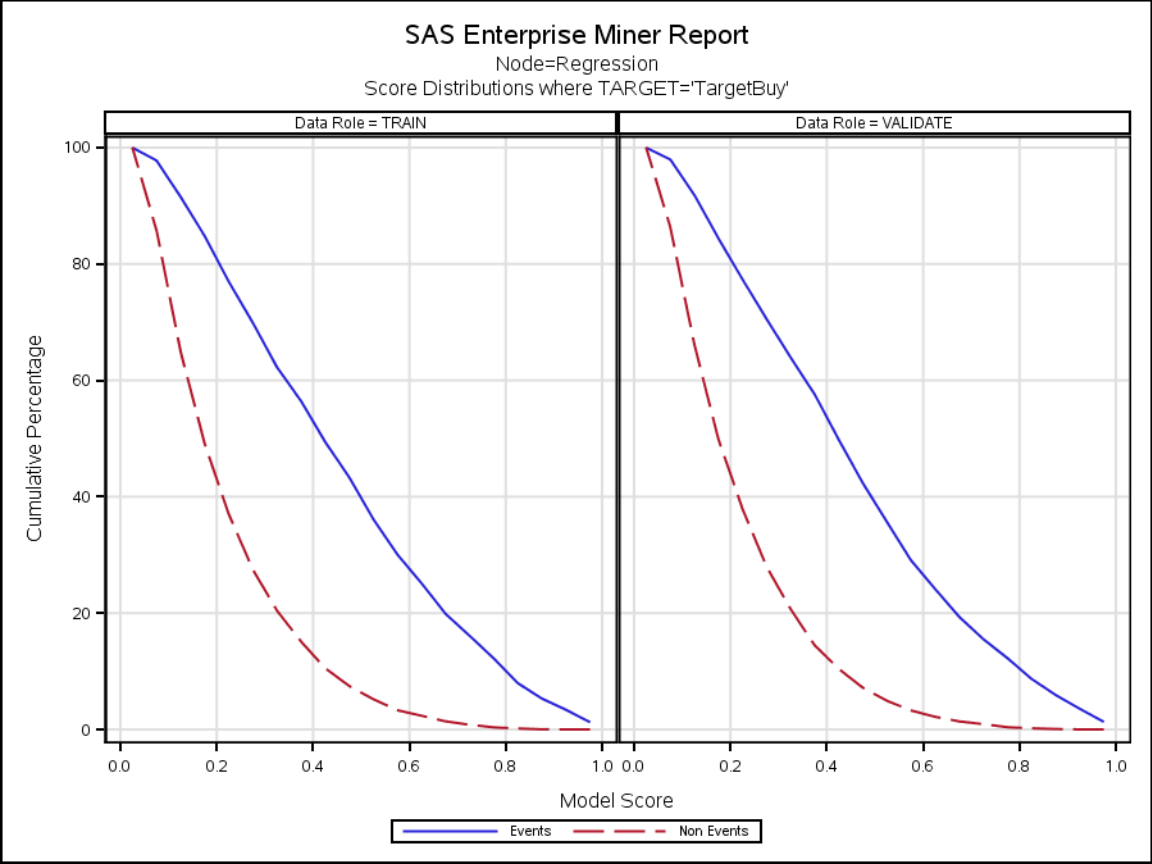
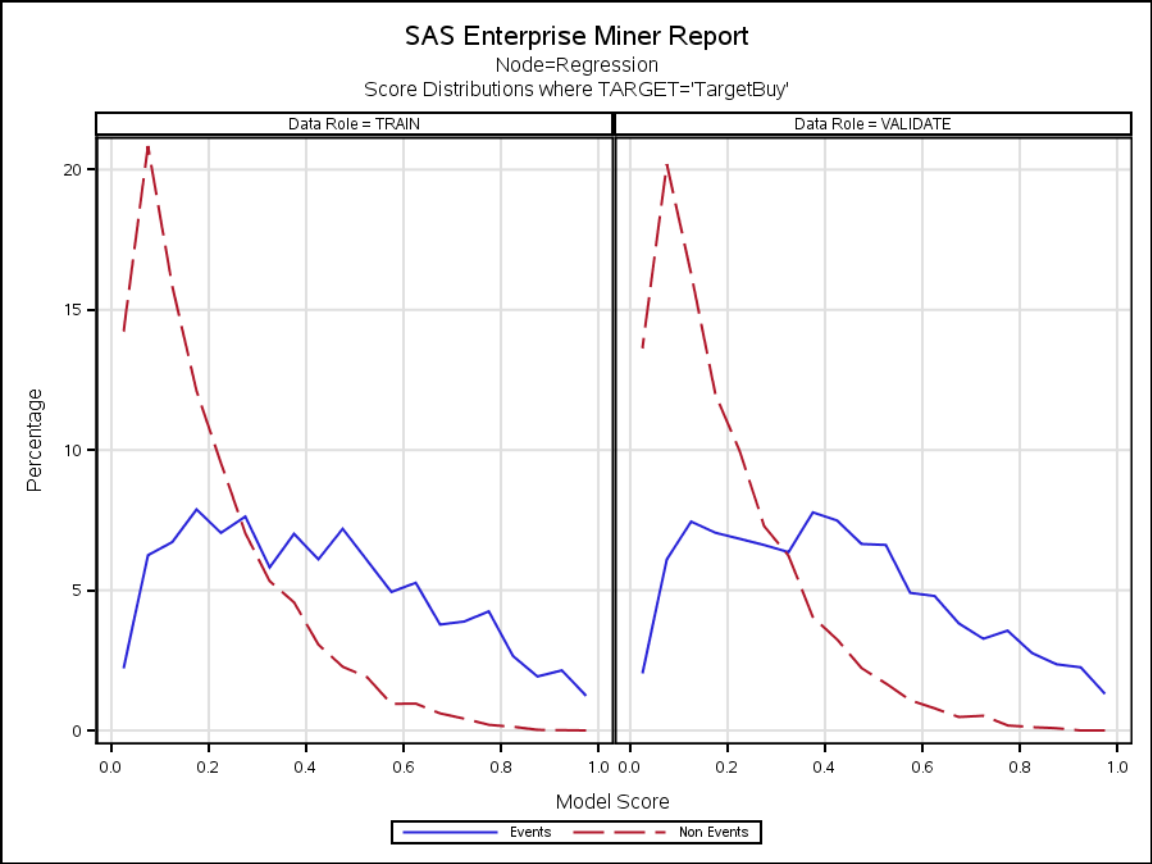


Effect Number	Variable	Level	Coefficient	T-value	P Value	Effect Number	Variable	Level	Coefficient	T-value	P Value
1	Intercept	1	-1.11186	-8.1072	5.18188E-16	4	IMP_DemGender	M	0.12544	2.0442	0.040938
2	IMP_DemGender	F	0.81919	14.7221	4.65099E-49	5	IMP_DemAge		-0.05514	-26.5418	0.000000
3	IMP_DemAffil		0.24734	30.0382	3.1117E-198	.			.	.	.









Target Variable=TargetBuy Data Role=TRAIN

Posterior Probability Range	Number of Events	Percentage of Events	Percentage of Nonevents	Cumulative Percentage of Events	Cumulative Percentage of Nonevents
0.95-1.00	34	1.23502	0.0000	1.235	0.000
0.90-0.95	59	2.14312	0.0120	3.378	0.012
0.85-0.90	53	1.92517	0.0239	5.303	0.036
0.80-0.85	73	2.65165	0.1316	7.955	0.167
0.75-0.80	117	4.24991	0.2034	12.205	0.371
0.70-0.75	107	3.88667	0.4187	16.092	0.790
0.65-0.70	104	3.77770	0.6101	19.869	1.400
0.60-0.65	145	5.26698	0.9571	25.136	2.357
0.55-0.60	136	4.94007	0.9451	30.076	3.302
0.50-0.55	167	6.06611	1.9021	36.142	5.204
0.45-0.50	198	7.19215	2.2730	43.335	7.477
0.40-0.45	168	6.10243	3.0626	49.437	10.540
0.35-0.40	193	7.01053	4.5699	56.448	15.109
0.30-0.35	160	5.81184	5.3236	62.259	20.433
0.25-0.30	210	7.62804	7.0343	69.887	27.467
0.20-0.25	194	7.04686	9.5346	76.934	37.002
0.15-0.20	217	7.88231	12.0947	84.817	49.097
0.10-0.15	185	6.71994	15.8392	91.537	64.936
0.05-0.10	172	6.24773	20.8398	97.784	85.776
0.00-0.05	61	2.21576	14.2242	100.000	100.000

Target Variable=TargetBuy Data Role=VALIDATE

Posterior Probability Range	Number of Events	Percentage of Events	Percentage of Nonevents	Cumulative Percentage of Events	Cumulative Percentage of Nonevents
0.95-1.00	36	1.30814	0.0000	1.308	0.000
0.90-0.95	62	2.25291	0.0000	3.561	0.000
0.85-0.90	65	2.36192	0.0837	5.923	0.084
0.80-0.85	76	2.76163	0.1196	8.685	0.203
0.75-0.80	98	3.56105	0.1794	12.246	0.383
0.70-0.75	90	3.27035	0.5264	15.516	0.909
0.65-0.70	105	3.81541	0.4785	19.331	1.388
0.60-0.65	132	4.79651	0.7896	24.128	2.177
0.55-0.60	135	4.90552	1.0767	29.033	3.254
0.50-0.55	182	6.61337	1.6748	35.647	4.929
0.45-0.50	183	6.64971	2.2251	42.297	7.154
0.40-0.45	206	7.48547	3.2420	49.782	10.396
0.35-0.40	214	7.77616	4.0435	57.558	14.440
0.30-0.35	175	6.35901	6.2328	63.917	20.672
0.25-0.30	182	6.61337	7.2856	70.531	27.958
0.20-0.25	188	6.83140	9.9533	77.362	37.911
0.15-0.20	194	7.04942	11.9751	84.411	49.886
0.10-0.15	205	7.44913	16.2819	91.860	66.168
0.05-0.10	168	6.10465	20.1938	97.965	86.362
0.00-0.05	56	2.03488	13.6380	100.000	100.000

End of Report