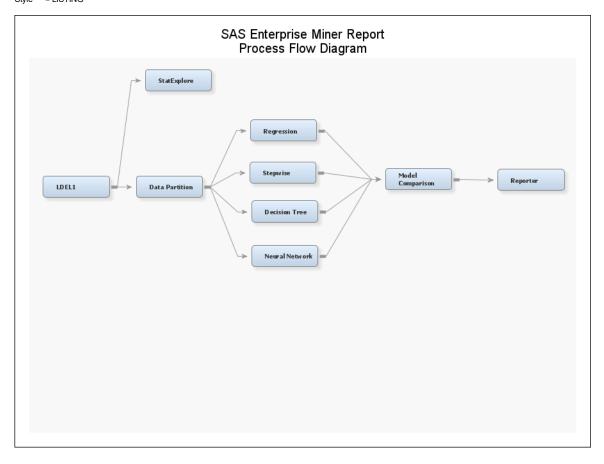
User = hoganl Date = 14:02:53 March 26 Project = team Diagram = team

Start Node = Report Node label = Reporter Nodes = PATH Showall = N

Format = PDF Style = LISTING



Node=LDEL1 Summary

Node id = lds Node label = LDEL1 Meta path = lds Notes =

Node=LDEL1 Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	DataSource		DsCreatedBy	hoganl		NBytes	18285568	
ApplyIntervalLevelLowerLimit	Υ		Dsld	Idel		NCols	24	
ApplyMaxClassLevels	Υ		DsModifiedBy	hoganl		NObs	91197	
ApplyMaxPercentMissing	Υ		DsModifyDate	1963921140.9		NewTable		
CMeta	WORK.M2RW0PS6		DsSampleName			NewVariableRole	REJECT	
ComputeStatistics	N		DsSampleSize			OutputType	VIEW	
DBPassThrough	Υ		DsSampleSizeType			Role	RAW	TRAIN
Data	TEAM.LDEL1		DsScope	LOCAL		Sample	D	
DataSelection	DATASOURCE		IdentifyEmptyColumns	Υ		SampleSizeObs	10000	
DataSource	Idel		IntervalLowerLimit	20		SampleSizePercent	20	
DataSourceRole	RAW		Library	TEAM		SampleSizeType	PERCENT	
Description			MaxClassLevels	20		Scope	LOCAL	
DropMapVariables	Υ		MaxPercentMissing	50		Segment		
DsCreateDate	1963921140.9		MetaAdvisor	BASIC		Table	LDEL1	

Node=LDEL1 Data Attributes

Attribute	Value	Attribute	Value	Attribute	Value
Data Name	LDEL1	Date Created	26Mar2022:11:51:25	Data Size	18285568
Data Type	DATA	Date Modified	26Mar2022:11:51:25	Role	RAW
Data Label		Number Rows	91197	Segment	
Engine	BASE	Number Columns	24	Data Library	TEAM

Node=LDEL1 Variables List

Name	Label	Role	Level	Туре	Length	Format	Creator
Benefit_per_order		INPUT	INTERVAL	N	8	BEST12.0	
Department_Name		INPUT	NOMINAL	С	7	\$7.	
Late_delivery_risk		TARGET	BINARY	N	8	BEST12.0	
Order_Item_Discount		INPUT	INTERVAL	N	8	BEST12.0	
Order_Item_Discount_Rate		INPUT	INTERVAL	N	8	BEST12.0	
Order_Item_Product_Price		INPUT	INTERVAL	N	8	BEST12.0	
Order_Item_Profit_Ratio		INPUT	INTERVAL	N	8	BEST12.0	
Order_Item_Quantity		INPUT	INTERVAL	N	8	BEST12.0	
Order_Item_Total		INPUT	INTERVAL	N	8	BEST12.0	
Order_Profit_Per_Order		REJECTED	INTERVAL	N	8	BEST12.0	
Product_Price		REJECTED	INTERVAL	N	8	BEST12.0	

Name	Label	Role	Level	Туре	Length	Format	Creator
Sales		REJECTED	INTERVAL	N	8	BEST12.0	
Sales_per_customer		REJECTED	INTERVAL	N	8	BEST12.0	
Shipping_Mode		INPUT	NOMINAL	С	14	\$14.	
days_til_ship		INPUT	INTERVAL	N	8		
order_d		INPUT	ORDINAL	N	8		
order_d3		REJECTED	ORDINAL	N	8		
order_m		INPUT	ORDINAL	N	8		
order_yr		REJECTED	INTERVAL	N	8		
region		INPUT	ORDINAL	N	8		
ship_d		REJECTED	ORDINAL	N	8		
ship_d3		REJECTED	ORDINAL	N	8		
ship_m		REJECTED	ORDINAL	N	8		
ship_yr		REJECTED	INTERVAL	N	8		

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	Υ		OutputType	DATA		TrainPct	50	40
IntervalDistribution	Υ		RandomSeed	12345		ValidatePct	50	30

Node=Data Partition Variable Summary

Role	Level	Frequency Count	Name
TARGET	BINARY	1	Late_delivery_risk
REJECTED	INTERVAL	6	Order_Profit_Per_Order Product_Price Sales Sales_per_customer order_yr ship_yr
REJECTED	ORDINAL	4	order_d3 ship_d ship_m
INPUT	INTERVAL	8	Benefit_per_order Order_Item_Discount Order_Item_Discount_Rate Order_Item_Product_Price Order_Item_Profit_Ratio Order_Item_Quantity Order_Item_Total days_til_ship
INPUT	NOMINAL	2	Department_Name Shipping_Mode
INPUT	ORDINAL	3	order_d order_m region

Node=Neural Network Summary

Node id = Neural Node label = Neural Network Meta path = Ids => Part => Neural Notes =

Node=Neural Network Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	NeuralNetwork		Hidden	6	3	Prelim	Υ	
AbsConvValue	-1.34078E154	-7.237006E75	HiddenActivation	DEFAULT		PrelimMaxTime	1 HOUR	
AbsFTime	1		HiddenBias	Υ		PrelimMaxiter	10	
AbsFValue	0		HiddenCombFunction	DEFAULT		PrelimOutest		
AbsGTime	1		HiddenUnits	N		PreliminaryRuns	5	
AbsGValue	1E-5	0.00001	InitialDs			RandDist	NORMAL	
AbsXTime	1		InitialSeed	12345		RandLoc	0	
AbsXValue	1E-8		InputStandardization	STD		RandScale	0.1	
Accelerate	1.2		Learn	0.1		Residuals	Υ	
AddHidden	Υ		MaxLeam	50		Standardizations	N	
CodefileNoRes			MaxMomentum	1.75		SuppressOutput	N	
CodefileRes			Maxiter	100	50	TargetActivation	DEFAULT	
ConvDefaults	Υ		Maxtime	4 HOURS		TargetBias	Υ	
Decelerate	0.5		MinLearn	1E-5	0.00001	TargetCombFunction	DEFAULT	
DirectConnection	N		ModelSelectionCriterion	PROFIT/LOSS		TargetError	DEFAULT	
FConvTime	1		Momentum	0		Tilt	0	
FConvValue	0		NetworkArchitecture	MLP		TrainCode		
GConvTime	1		Outest			TrainingTechnique	DEFAULT	
GConvValue	1E-6		Outfit			UseEstimates	N	

Node=Neural Network Variable Summary

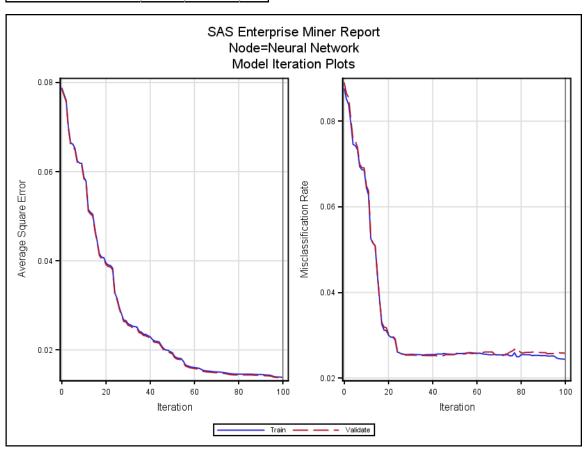
Role	Level	Frequency Count	Name
TARGET	BINARY	1	Late_delivery_risk
INPUT	INTERVAL	8	Benefit_per_order Order_Item_Discount Order_Item_Discount_Rate Order_Item_Product_Price Order_Item_Profit_Ratio Order_Item_Quantity Order_Item_Total days_til_ship
INPUT	NOMINAL	2	Department_Name Shipping_Mode
INPUT	ORDINAL	3	order_d order_m region

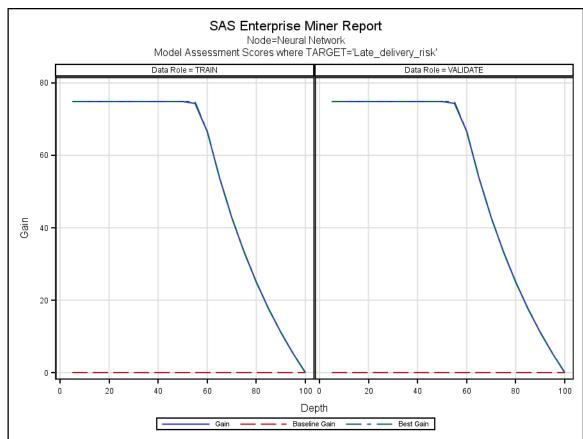
Node=Neural Network Model Fit Statistics

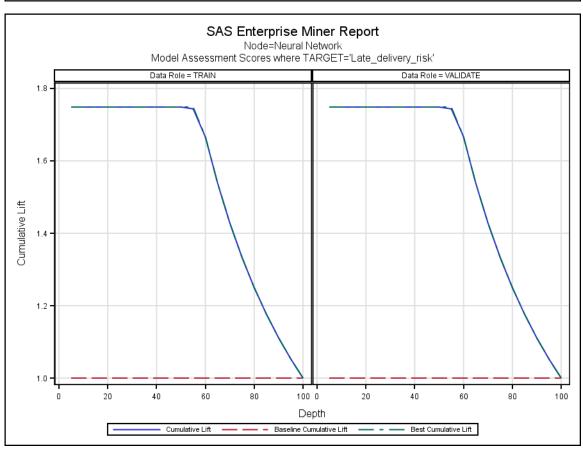
Label of Statistic	Train	Validation	Test
Total Degrees of Freedom	45597.00		
Degrees of Freedom for Error	45152.00		
Model Degrees of Freedom	445.00		
Number of Estimated Weights	445.00		

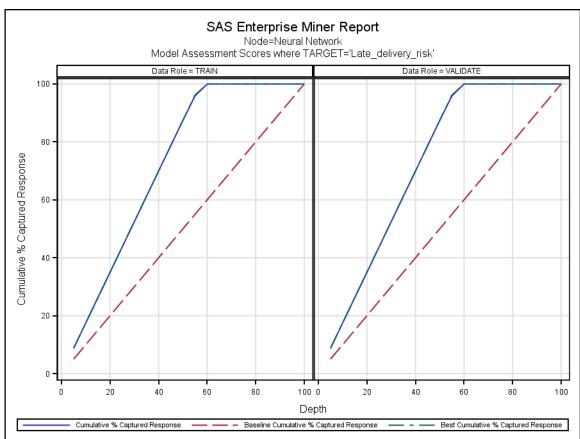
Target=Late_delivery_risk Target Label=' '

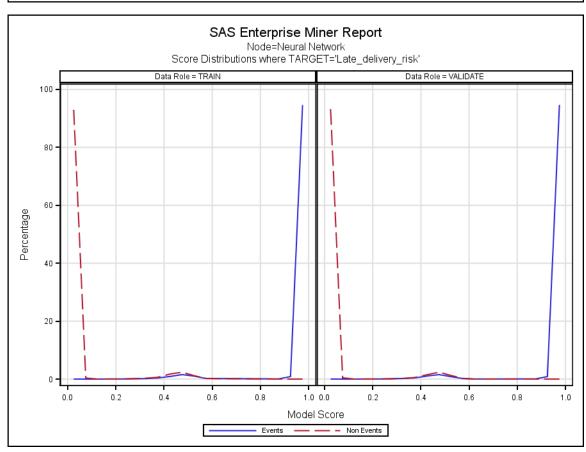
Label of Statistic	Train	Validation	Test
Akaike's Information Criterion	5121.60		
Schwarz's Bayesian Criterion	9005.38		
Average Squared Error	0.01	0.01	
Maximum Absolute Error	0.85	0.85	
Divisor for ASE	91194.00	91200.00	
Sum of Frequencies	45597.00	45600.00	
Root Average Squared Error	0.12	0.12	
Sum of Squared Errors	1258.72	1249.16	
Sum of Case Weights Times Freq	91194.00	91200.00	
Final Prediction Error	0.01		
Mean Squared Error	0.01	0.01	
Root Final Prediction Error	0.12		
Root Mean Squared Error	0.12	0.12	
Average Error Function	0.05	0.05	
Error Function	4231.60	4183.09	
Misclassification Rate	0.02	0.03	
Number of Wrong Classifications	1110.00	1174.00	

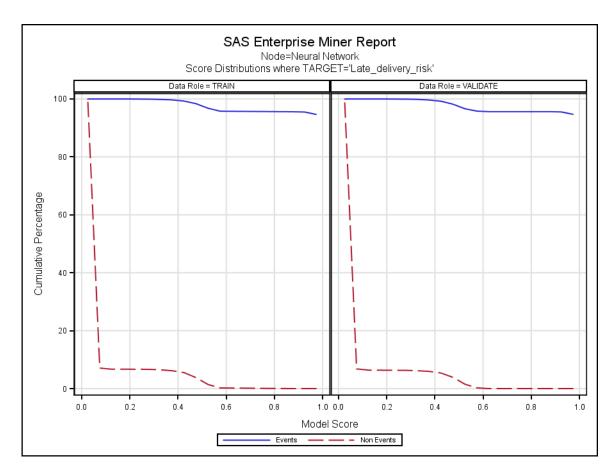












Node=Neural Network Score Distributions

Target Variable=Late_delivery_risk 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	24674	94.6270	0.0000	94.627	0.000
0.90-0.95	228	0.8744	0.0000	95.501	0.000
0.85-0.90	15	0.0575	0.0000	95.559	0.000
0.55-0.60	51	0.1956	0.2254	95.755	0.225
0.50-0.55	269	1.0316	1.1679	96.786	1.393
0.45-0.50	407	1.5609	2.3717	98.347	3.765
0.40-0.45	240	0.9204	1.7570	99.267	5.522
0.35-0.40	105	0.4027	0.6505	99.670	6.173
0.30-0.35	45	0.1726	0.3381	99.843	6.511
0.25-0.30	27	0.1035	0.1332	99.946	6.644
0.20-0.25	8	0.0307	0.0359	99.977	6.680
0.15-0.20	5	0.0192	0.0205	99.996	6.700
0.10-0.15	1	0.0038	0.0000	100.000	6.700
0.05-0.10	0	0.0000	0.3739	100.000	7.074
0.00-0.05	0	0.0000	92.9259	100.000	100.000

Target Variable=Late_delivery_risk 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	24687	94.6696	0.0000	94.670	0.000
0.90-0.95	223	0.8552	0.0000	95.525	0.000
0.85-0.90	16	0.0614	0.0000	95.586	0.000
0.60-0.65	6	0.0230	0.0051	95.609	0.005
0.55-0.60	48	0.1841	0.2459	95.793	0.251
0.50-0.55	215	0.8245	1.2447	96.618	1.496
0.45-0.50	407	1.5608	2.3869	98.178	3.883
0.40-0.45	272	1.0431	1.5008	99.222	5.383
0.35-0.40	108	0.4142	0.5583	99.636	5.942
0.30-0.35	58	0.2224	0.2459	99.858	6.188
0.25-0.30	24	0.0920	0.1127	99.950	6.300
0.20-0.25	8	0.0307	0.0359	99.981	6.336
0.15-0.20	5	0.0192	0.0205	100.000	6.357
0.10-0.15	0	0.0000	0.0051	100.000	6.362
0.05-0.10	0	0.0000	0.4354	100.000	6.797
0.00-0.05	0	0.0000	93.2029	100.000	100.000

Node=Decision Tree Summary

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

Node=Decision Tree Properties

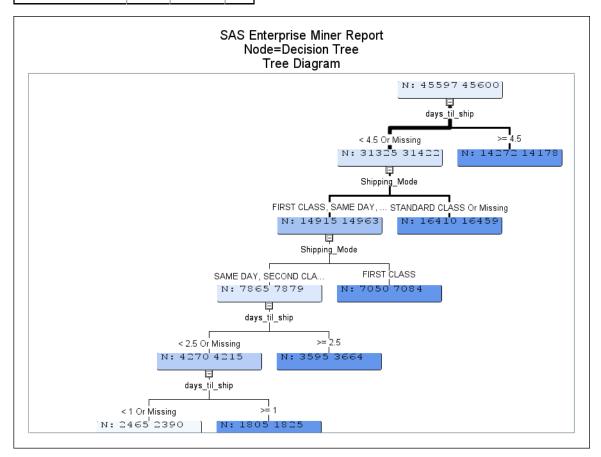
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	DecisionTree		Kass	Υ		Pred	N	
AVG	Υ		KassApply	BEFORE		Predict	Υ	
AssessMeasure	PROFIT/LOSS		LeafSize	5		ProfitLoss	NONE	
AssessPercentage	0.25		Leafid	Υ		RASE	N	
CV	N		Maxbranch	2		SampleMethod	RANDOM	
CVNIter	10		Maxdepth	6		SampleSeed	12345	
CVRepeat	1		MinCatSize	5		SampleSize	10000	
CVSeed	12345		MissingValue	USEINSEARCH		ShowNodeld	Υ	
ClassColorBy	PERCENTCORRECT		NSubtree	1		ShowValid	Υ	
Count	Υ		NodeRole	SEGMENT		SigLevel	0.2	
CreateSample	DEFAULT		NodeSample	20000		SplitPrecision	4	
Criterion	DEFAULT		NominalCriterion	PROBCHISQ		Splitsize		
Depth	Υ		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	

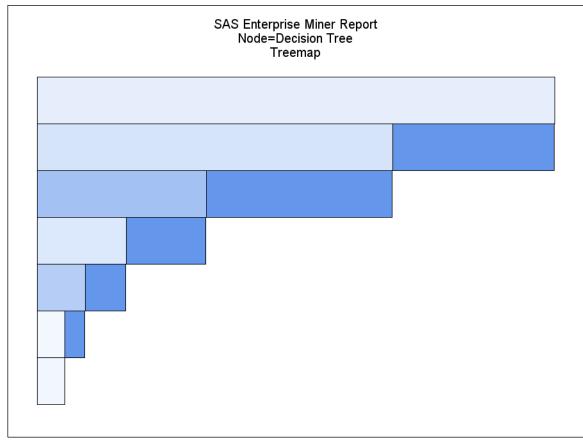
Node=Decision Tree Variable Summary

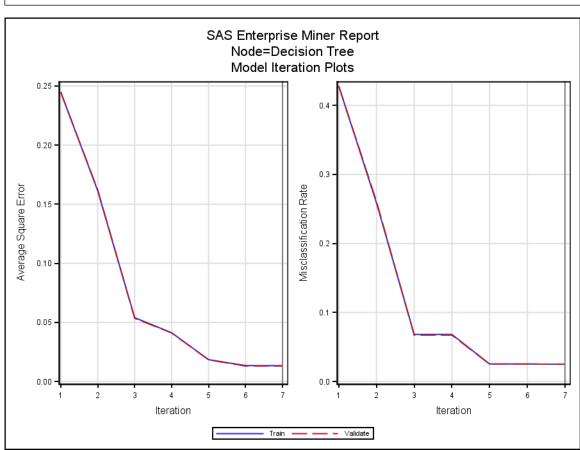
Role	Level	Frequency Count	Name
TARGET	BINARY	1	Late_delivery_risk
INPUT	INTERVAL	8	Benefit_per_order Order_Item_Discount Order_Item_Discount_Rate Order_Item_Product_Price Order_Item_Profit_Ratio Order_Item_Quantity Order_Item_Total days_til_ship
INPUT	NOMINAL	2	Department_Name Shipping_Mode
INPUT	ORDINAL	3	order_d order_m region
ID	INTERVAL	1	_dataobs_

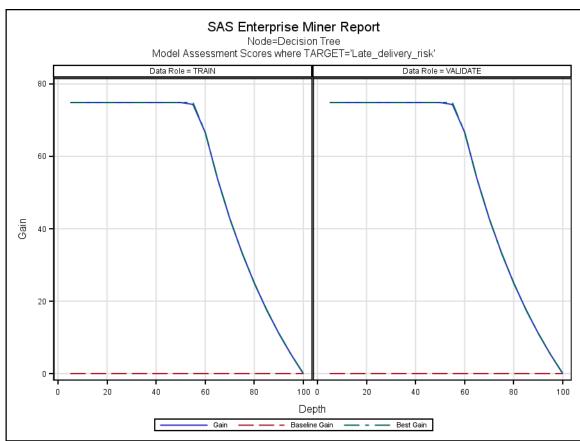
Node=Decision Tree Model Fit Statistics

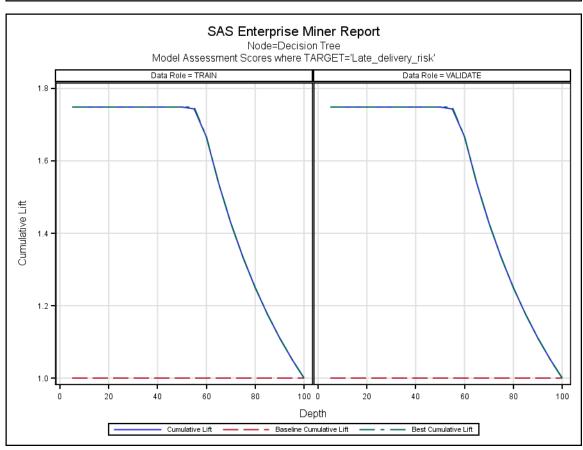
Label of Statistic	Train	Validation	Test
Sum of Frequencies	45597.00	45600.00	
Misclassification Rate	0.02	0.03	
Maximum Absolute Error	0.76	0.76	
Sum of Squared Errors	1221.35	1196.55	
Average Squared Error	0.01	0.01	
Root Average Squared Error	0.12	0.11	
Divisor for ASE	91194.00	91200.00	
Total Degrees of Freedom	45597.00		

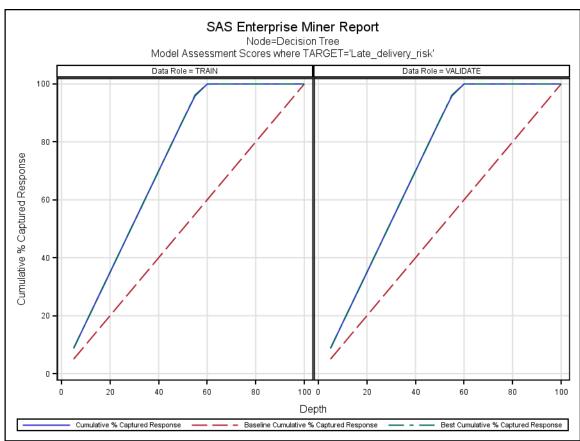


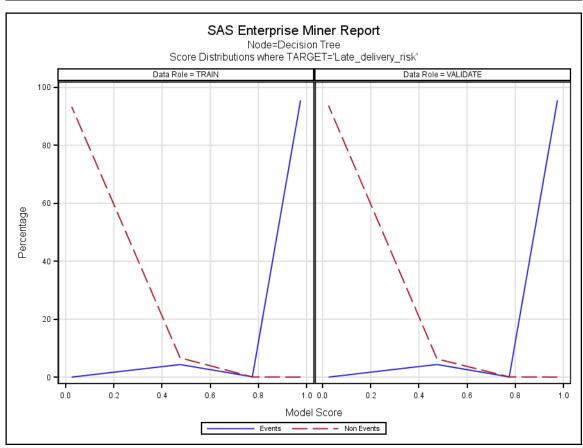


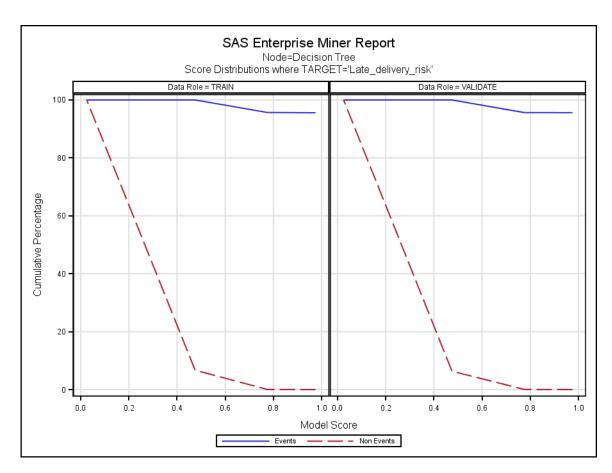












Node=Decision Tree Score Distributions

Target Variable=Late_delivery_risk 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	24917	95.5590	0.0000	95.559	0.000
0.75-0.80	29	0.1112	0.0461	95.670	0.046
0.45-0.50	1129	4.3298	6.6489	100.000	6.695
0.00-0.05	0	0.0000	93.3050	100.000	100.000

Target Variable=Late_delivery_risk 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	24926	95.5861	0.0000	95.586	0.000
0.75-0.80	15	0.0575	0.0615	95.644	0.061
0.45-0.50	1136	4.3563	6.2849	100.000	6.346
0.00-0.05	0	0.0000	93.6536	100.000	100.000

Node=Stepwise Summary

Node id = Reg2 Node label = Stepwise Meta path = Ids => Part => Reg2 Notes =

Node=Stepwise Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Regression		Force	0		PolynomialDegree	2	
AbsConvValue	-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	VMISC	DEFAULT
AbsGValue	0.00001		Interactions			SelectionDefault	Υ	
AbsXTime	1		LinkFunction	LOGIT		Sequential	N	
AbsXValue	1E-8		MainEffect	Υ		Simple	N	
CIParm	N		MaxCPUTime	1 HOUR		SIEntry	0.05	
ConvDefaults	Υ		MaxFunctionCalls			SIStay	0.05	
CorB	N		MaxIterations			Start	0	
CovB	N		MaxStep			StepOutput	N	
Covout	N		MinResourceUse	N		Stop	0	
Details	N		ModelDefaults	Υ		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=Stepwise Variable Summary

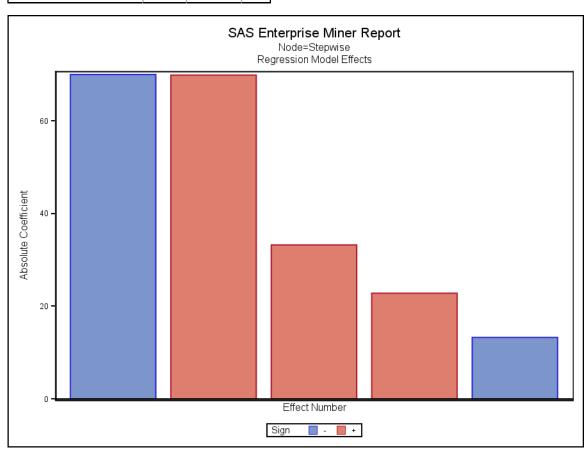
Role	Level	Frequency Count	Name
TARGET	BINARY	1	Late_delivery_risk
INPUT	INTERVAL	8	Benefit_per_order Order_Item_Discount Order_Item_Discount_Rate Order_Item_Product_Price Order_Item_Profit_Ratio Order_Item_Quantity Order_Item_Total days_til_ship
INPUT	NOMINAL	2	Department_Name Shipping_Mode
INPUT	ORDINAL	3	order_d order_m region

Node=Stepwise Model Fit Statistics

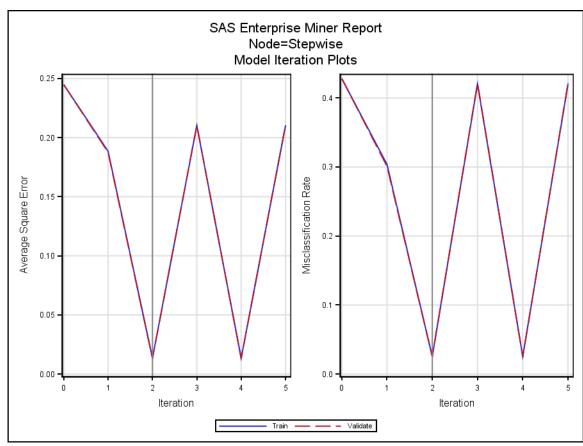
Label of Statistic	Train	Validation	Test
Akaike's Information Criterion	3418.21		
Average Squared Error	0.01	0.01	
Average Error Function	0.04	0.04	
Degrees of Freedom for Error	45592.00		
Model Degrees of Freedom	5.00		

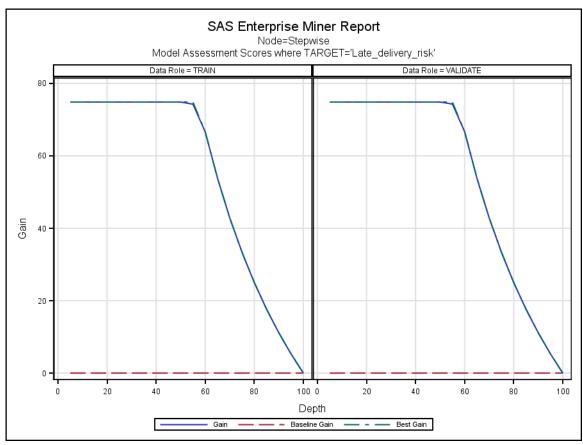
Target=Late_delivery_risk Target Label=' '

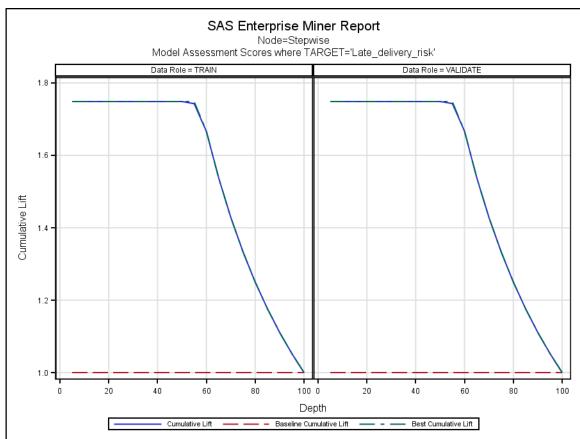
Label of Statistic	Train	Validation	Test
Total Degrees of Freedom	45597.00		
Divisor for ASE	91194.00	91200.00	
Error Function	3408.21	3311.34	
Final Prediction Error	0.01		
Maximum Absolute Error	0.53	0.53	
Mean Square Error	0.01	0.01	
Sum of Frequencies	45597.00	45600.00	
Number of Estimate Weights	5.00		
Root Average Sum of Squares	0.12	0.11	
Root Final Prediction Error	0.12		
Root Mean Squared Error	0.12	0.11	
Schwarz's Bayesian Criterion	3461.84		
Sum of Squared Errors	1228.00	1194.05	
Sum of Case Weights Times Freq	91194.00	91200.00	
Misclassification Rate	0.03	0.03	

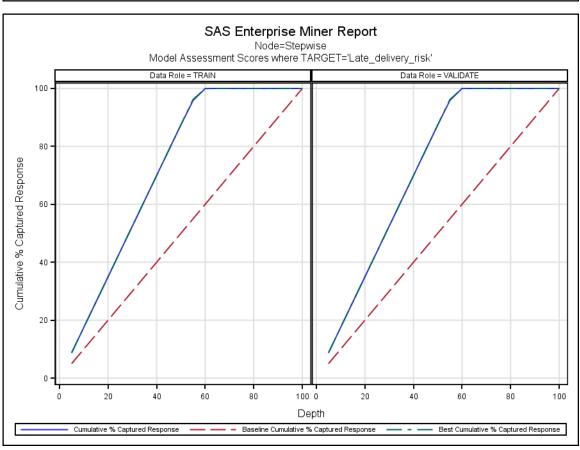


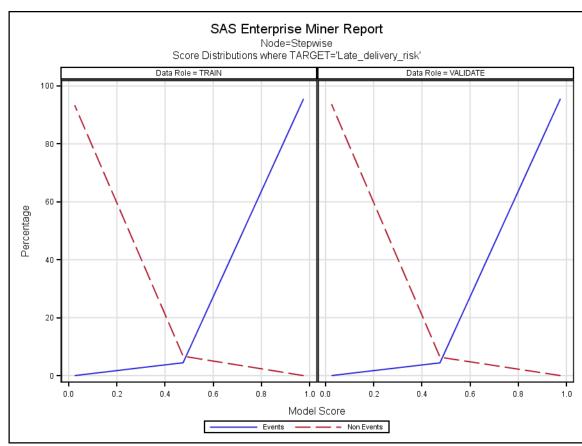
Effect Number	Variable	Level	Coefficient	T-value	P Value	Effect Number	Variable	Level	Coefficient	T-value	P Value
1	Intercept	1	-69.9909	-1734.30	0.00000	4	Shipping_Mode	FIRST_CLASS	22.7944	0.16826	0.86638
2	Shipping_Mode	SAME_DAY	69.8699			5	Shipping_Mode	SECOND_CLASS	-13.2578	-0.18979	0.84947
3	days_til_ship		33.2151	1.63	0.10395						

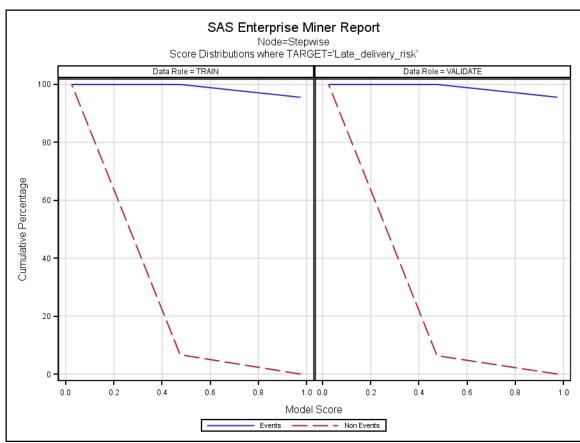












Node=Stepwise Score Distributions

Target Variable=Late_delivery_risk 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	24917	95.5590	0.0000	95.559	0.000
0.45-0.50	1158	4.4410	6.6950	100.000	6.695
0.00-0.05	0	0.0000	93.3050	100.000	100.000

Target Variable=Late_delivery_risk 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	24926	95.5861	0.0000	95.586	0.000
0.45-0.50	1151	4.4139	6.3464	100.000	6.346
0.00-0.05	0	0.0000	93.6536	100.000	100.000

Node=Regression Summary

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

Node=Regression Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Regression		Force	0		PolynomialDegree	2	
AbsConvValue	-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	DEFAULT	
AbsGValue	0.00001		Interactions			SelectionDefault	Υ	
AbsXTime	1		LinkFunction	LOGIT		Sequential	N	
AbsXValue	1E-8		MainEffect	Υ		Simple	N	
CIParm	N		MaxCPUTime	1 HOUR		SIEntry	0.05	
ConvDefaults	Υ		MaxFunctionCalls			SIStay	0.05	
CorB	N		MaxIterations			Start	0	
CovB	N		MaxStep			StepOutput	N	
Covout	N		MinResourceUse	N		Stop	0	
Details	N		ModelDefaults	Υ		SuppressIntercept	N	
Error	LOGISTIC		ModelSelection	NONE		SuppressOutput	N	
ExcludedVariable	REJECT		OptimizationTechnique	DEFAULT		Terms	N	
FConvTimes	1		Performance	N		TwoFactor	N	
FConvValue	0		Polynomial	N				

Node=Regression Variable Summary

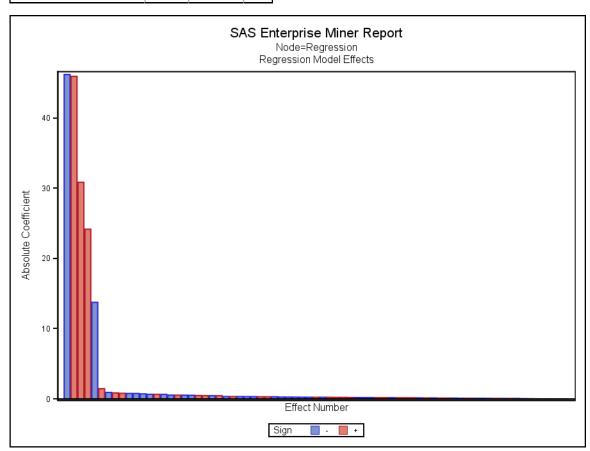
Role	Level	Frequency Count	Name
TARGET	BINARY	1	Late_delivery_risk
INPUT	INTERVAL	8	Benefit_per_order Order_Item_Discount Order_Item_Discount_Rate Order_Item_Product_Price Order_Item_Profit_Ratio Order_Item_Quantity Order_Item_Total days_til_ship
INPUT	NOMINAL	2	Department_Name Shipping_Mode
INPUT	ORDINAL	3	order_d order_m region

Node=Regression Model Fit Statistics

Label of Statistic	Train	Validation	Test
Akaike's Information Criterion	3385.75		
Average Squared Error	0.01	0.01	
Average Error Function	0.04	0.04	
Degrees of Freedom for Error	45524.00		
Model Degrees of Freedom	73.00		

Target=Late_delivery_risk Target Label=' '

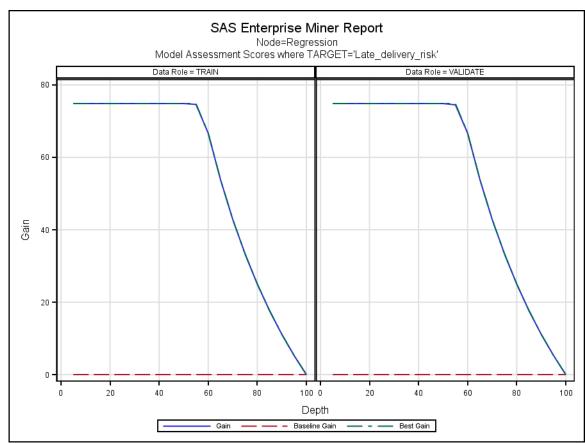
Label of Statistic	Train	Validation	Test
Total Degrees of Freedom	45597.00		
Divisor for ASE	91194.00	91200.00	
Error Function	3239.75	3302.07	
Final Prediction Error	0.01		
Maximum Absolute Error	0.96	0.95	
Mean Square Error	0.01	0.01	
Sum of Frequencies	45597.00	45600.00	
Number of Estimate Weights	73.00		
Root Average Sum of Squares	0.11	0.11	
Root Final Prediction Error	0.11		
Root Mean Squared Error	0.11	0.11	
Schwarz's Bayesian Criterion	4022.87		
Sum of Squared Errors	1147.50	1187.26	
Sum of Case Weights Times Freq	91194.00	91200.00	
Misclassification Rate	0.02	0.02	

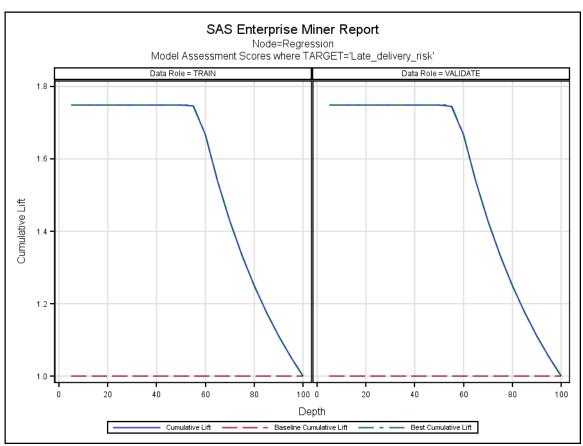


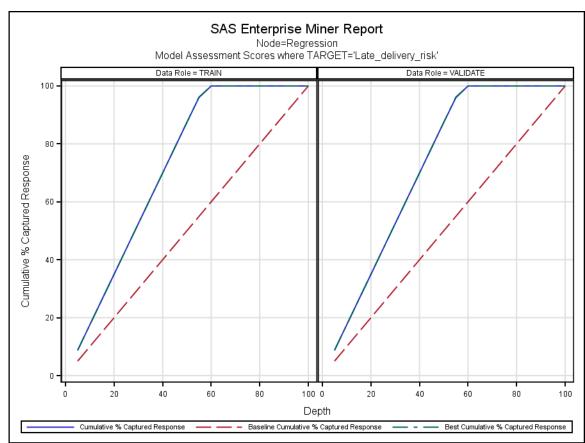
Effect Number	Variable	Level	Coefficient	T-value	P Value	Effect Number	Variable	Level	Coefficient	T-value	P Value
1	Intercept	1	-46.1747	-170.575	0.00000	38	region	2	-0.23029	-2.09437	0.03623
2	Shipping_Mode	SAME_DAY	45.9134			39	order_d	2	0.22313	0.89972	0.36827
3	Shipping_Mode	FIRST_CLASS	30.8328	0.736	0.46198	40	Department_Name	APPAREL	0.21518	1.18290	0.23685
4	days_til_ship		24.1524	3.920	0.00009	41	order_m	8	0.21469	1.52321	0.12771
5	Shipping_Mode	SECOND_CLASS	-13.7431	-0.967	0.33356	42	Department_Name	FOOTWEA	0.19543	0.81395	0.41568
6	Department_Name	BOOK_SH	1.4467	2.101	0.03563	43	Order_Item_Profit_Ratio		-0.18951	-1.09686	0.27270
7	order_d	4	-0.9155	-4.142	0.00003	44	order_m	7	-0.18239	-1.41666	0.15658
8	order_d	5	0.8470	3.262	0.00111	45	order_d	15	-0.18154	-0.86968	0.38447
9	Order_Item_Discount_Rate		0.7916	0.686	0.49291	46	order_m	1	0.17490	1.30489	0.19193

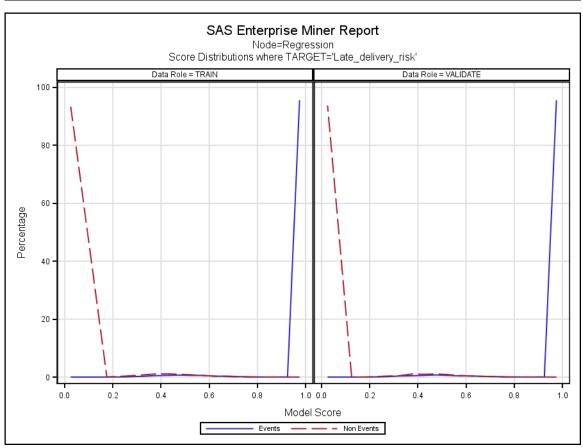
SAS Enterprise Miner Report Node=Regression Regression Model Effects

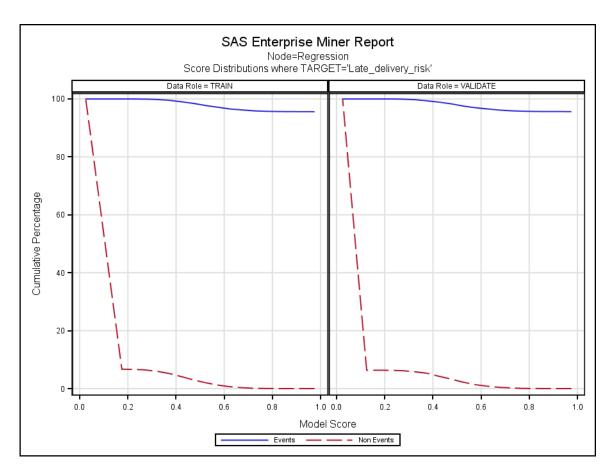
Effect Number	Variable	Level	Coefficient	T-value	P Value	Effect Number	Variable	Level	Coefficient	T-value	P Value
10	order d	27	-0.7712	-3.491	0.00048	47	order m	6	0.17223	1.22551	0.22038
	_										
11	Department_Name	PET_SHO	-0.7691	-1.118	0.26336	48	order_d	1	-0.17089	-0.72917	0.46590
12	order_d	20	-0.7130	-2.804	0.00505	49	order_m	9	0.16246	1.12544	0.26040
13	Department_Name	HEALTH	-0.6499	-0.587	0.55739	50	order_m	5	0.15773	1.12194	0.26189
14	order_d	19	0.6430	2.392	0.01675	51	Order_Item_Quantity		0.15190	1.55777	0.11929
15	region	10	-0.6382	-1.617	0.10587	52	order_m	11	-0.14384	-0.91502	0.36018
16	order_d	14	-0.5338	-2.412	0.01588	53	order_d	28	0.13386	0.57131	0.56779
17	order_d	7	0.5242	1.782	0.07483	54	order_d	3	-0.13370	-0.54952	0.58265
18	order_d	10	-0.5231	-2.390	0.01683	55	order_m	2	0.11318	0.79630	0.42586
19	order_d	17	-0.5099	-2.273	0.02303	56	region	3	0.11134	0.56795	0.57007
20	region	8	0.4803	1.547	0.12187	57	order_d	22	-0.10836	-0.43534	0.66332
21	order_d	12	0.4567	1.922	0.05460	58	region	4	-0.09254	-0.54958	0.58261
22	order_d	13	-0.4483	-1.830	0.06724	59	Department_Name	FITNESS	0.08542	0.25615	0.79784
23	order_d	26	0.4471	1.819	0.06892	60	region	9	-0.08162	-0.64984	0.51579
24	region	1	-0.3366	-0.724	0.46927	61	order_d	21	-0.08156	-0.41361	0.67916
25	region	7	0.3321	0.733	0.46380	62	order_m	10	-0.07327	-0.44473	0.65652
26	order_d	6	-0.3259	-1.106	0.26893	63	order_d	9	0.06749	0.26417	0.79165
27	order_d	29	-0.3224	-1.463	0.14346	64	order_d	8	-0.06314	-0.26817	0.78857
28	order_d	11	-0.3204	-1.547	0.12197	65	Department_Name	DISCS_S	0.06001	0.13916	0.88932
29	Department_Name	GOLF	0.3009	1.531	0.12568	66	order_d	18	-0.05989	-0.24165	0.80906
30	order_d	23	0.2991	1.334	0.18233	67	Department_Name	FAN_SHO	-0.03599	-0.20198	0.83993
31	region	6	-0.2972	-1.567	0.11714	68	order_m	3	-0.02332	-0.16396	0.86977
32	order_d	24	-0.2630	-1.112	0.26593	69	Department_Name	OUTDOOR	0.01513	0.06209	0.95049
33	order_d	16	-0.2579	-1.297	0.19447	70	Order_Item_Discount		-0.00581	-1.19290	0.23291
34	order_m	4	-0.2510	-1.614	0.10648	71	Order_Item_Product_Price		0.00328	1.89146	0.05856
35	region	5	-0.2382	-1.537	0.12432	72	Order_Item_Total		-0.00244	-1.45222	0.14644
36	order_d	25	-0.2345	-1.019	0.30832	73	Benefit_per_order		0.00065	0.75933	0.44765
37	order_d	30	0.2315	1.084	0.27844						











Node=Regression Score Distributions

Target Variable=Late_delivery_risk 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	24922	95.5781	0.0051	95.578	0.005
0.90-0.95	7	0.0268	0.0000	95.605	0.005
0.85-0.90	5	0.0192	0.0051	95.624	0.010
0.80-0.85	10	0.0384	0.0000	95.663	0.010
0.75-0.80	21	0.0805	0.0256	95.743	0.036
0.70-0.75	34	0.1304	0.0615	95.873	0.097
0.65-0.70	88	0.3375	0.2100	96.211	0.307
0.60-0.65	84	0.3221	0.3330	96.533	0.640
0.55-0.60	150	0.5753	0.5430	97.108	1.183
0.50-0.55	156	0.5983	0.7991	97.707	1.982
0.45-0.50	184	0.7057	0.9528	98.412	2.935
0.40-0.45	154	0.5906	1.1372	99.003	4.072
0.35-0.40	132	0.5062	1.0757	99.509	5.148
0.30-0.35	77	0.2953	0.7837	99.804	5.932
0.25-0.30	38	0.1457	0.4866	99.950	6.418
0.20-0.25	12	0.0460	0.2151	99.996	6.634
0.15-0.20	1	0.0038	0.0615	100.000	6.695
0.00-0.05	0	0.0000	93.3050	100.000	100.000

Target Variable=Late_delivery_risk 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	24935	95.6207	0.0000	95.621	0.000
0.90-0.95	6	0.0230	0.0154	95.644	0.015
0.85-0.90	5	0.0192	0.0000	95.663	0.015
0.80-0.85	8	0.0307	0.0102	95.694	0.026
0.75-0.80	17	0.0652	0.0307	95.759	0.056
0.70-0.75	37	0.1419	0.1793	95.901	0.236
0.65-0.70	69	0.2646	0.2151	96.165	0.451
0.60-0.65	104	0.3988	0.3688	96.564	0.820
0.55-0.60	107	0.4103	0.5532	96.974	1.373
0.50-0.55	153	0.5867	0.8503	97.561	2.223
0.45-0.50	198	0.7593	1.0654	98.320	3.288
0.40-0.45	152	0.5829	0.9630	98.903	4.251
0.35-0.40	122	0.4678	1.0500	99.371	5.301
0.30-0.35	101	0.3873	0.5122	99.758	5.814
0.25-0.30	47	0.1802	0.3586	99.939	6.172
0.20-0.25	14	0.0537	0.1332	99.992	6.305
0.15-0.20	2	0.0077	0.0359	100.000	6.341
0.10-0.15	0	0.0000	0.0051	100.000	6.346
0.00-0.05	0	0.0000	93.6536	100.000	100.000

Node=Model Comparison Summary

Node id = MdlComp Node label = Model Comparison Meta path = lds => Part => Reg => MdlComp Notes =

Node=Model Comparison Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	ModelCompare		NumberOfReportedLevels	1E-6		SelectionData	DEFAULT	
AssessAllTargetLevels	N		NumberofBins	20		SelectionDepth	10	
DecileBin	20		ProfitEpsilon	1E-6		SelectionTable	TRAIN	TABLE
HPCriteria	DEFAULT		RecomputeAssess	N		StatisticUsed	_ASE_	
LiftEpsilon	1E-6		RocChart	Υ		TargetLabel		
ModelCriteria	Train: Average Squared Error		RocEpsilon	0.01		TargetName	Late_delivery_risk	
ModelDescription	Regression		RoiEpsilon	1E-6		classViyaCriteria	DEFAULT	
Modelld	Reg		ScoreDistBin	20		intervalViyaCriteria	DEFAULT	
NormalizeReportingVariables	Υ		SelectionCriteria	_ASE_	DEFAULT			

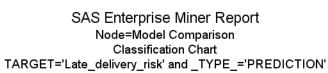
Node=Model Comparison Variable Summary

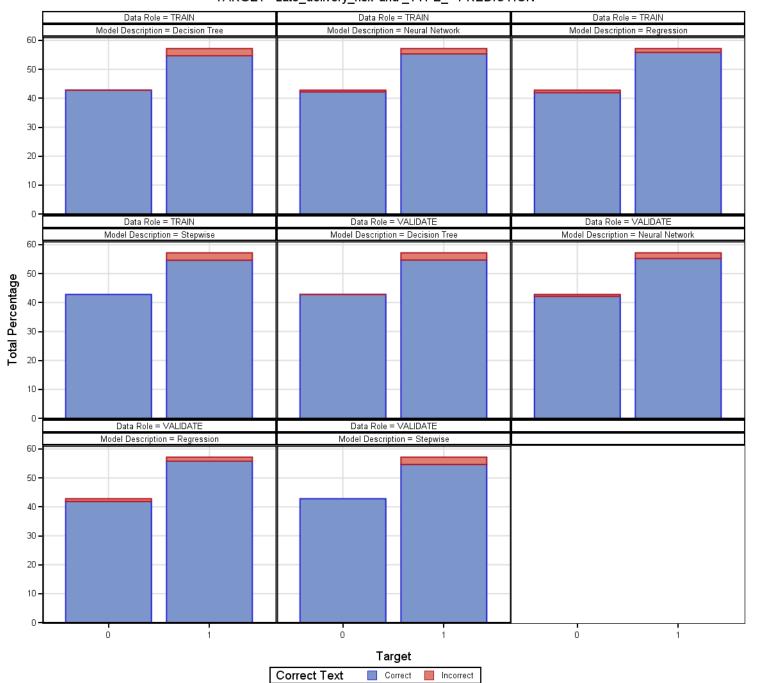
Role	Level	Frequency Count	Name
TARGET	BINARY	1	Late_delivery_risk

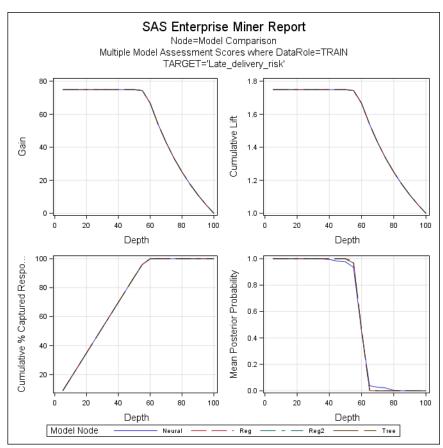
Node=Model Comparison Fit Statistics Table

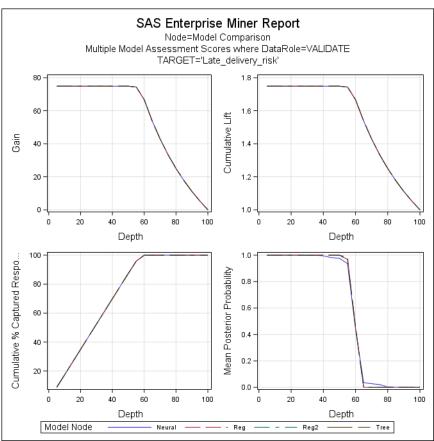
Selected Model	Predecessor Node	Model Node	Model Description	Target Variable	Target Label	Selection Criterion: Train: Average Squared Error	Train: Average Squared Error	Train: Misclassification Rate	Train: Kolmogorov-Smirnov Statistic
Υ	Reg	Reg	Regression	Late_delivery_risk		0.012583	0.012583	0.021602	0.960
	Tree	Tree	Decision Tree	Late_delivery_risk		0.013393	0.013393	0.024958	0.956
	Reg2	Reg2	Stepwise	Late_delivery_risk		0.013466	0.013466	0.025396	0.956
	Neural	Neural	Neural Network	Late_delivery_risk		0.013803	0.013803	0.024344	0.956

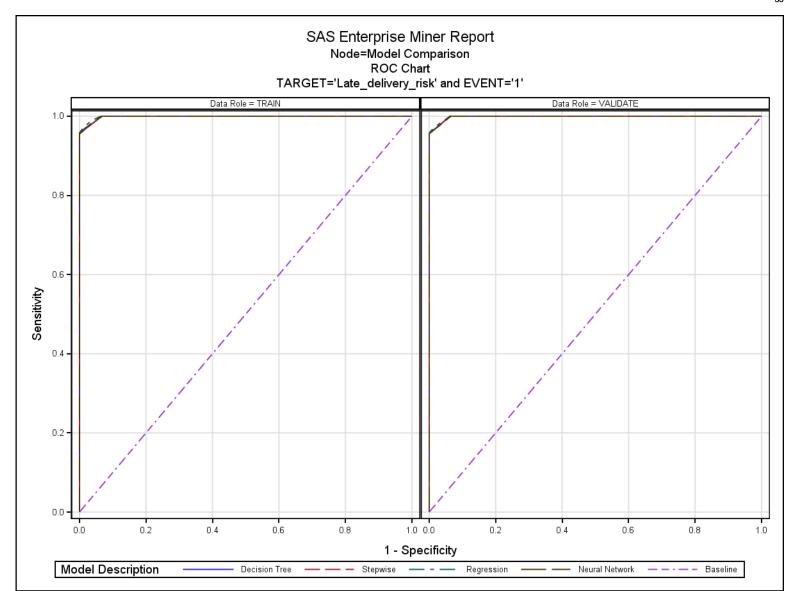
Selected Model	Predecessor Node	Model Node	Model Description	Target Variable	Target Label	Selection Criterion: Train: Average Squared Error	Valid: Average Squared Error	Valid: Misclassification Rate	Valid: Kolmogorov-Smirnov Statistic
Υ	Reg	Reg	Regression	Late_delivery_risk		0.012583	0.013018	0.023465	0.958
	Tree	Tree	Decision Tree	Late delivery risk		0.013393	0.013120	0.025175	0.956
	Reg2	Reg2	Stepwise	Late_delivery_risk		0.013466	0.013093	0.025241	0.956











End of Report