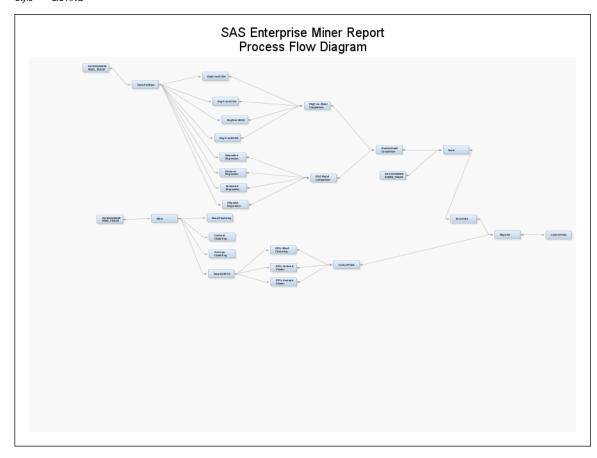
User = sboda
Date = 19:53:54 December 13
Project = data diggers
Diagram = BS.Predictive Analysis

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

Format = PDF Style = LISTING



Node=DATADIGGERSPRED_TRAIN Summary

Node id = Ids3 Node label = DATADIGGERSPRED_TRAIN Meta path = Ids3 Notes =

Node=DATADIGGERSPRED_TRAIN Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	DataSource		DsCreatedBy	sboda		NBytes	25560064	
ApplyIntervalLevelLowerLimit	Υ		Dsld	datadiggerspredtrain		NCols	8	
ApplyMaxClassLevels	Υ		DsModifiedBy	sboda		NObs	318339	
ApplyMaxPercentMissing	Y		DsModifyDate	2049725118.4		NewTable		
CMeta	WORK.M2P_WPA5		DsSampleName			NewVariableRole	REJECT	
ComputeStatistics	N		DsSampleSize			OutputType	VIEW	
DBPassThrough	Υ		DsSampleSizeType			Role	RAW	TRAIN
Data	BS.DATADIGGERSPRED_TRAIN		DsScope	LOCAL		Sample	D	
DataSelection	DATASOURCE		IdentifyEmptyColumns	Υ		SampleSizeObs	10000	
DataSource	datadiggerspredtrain		IntervalLowerLimit	20		SampleSizePercent	20	
DataSourceRole	RAW		Library	BS		SampleSizeType	PERCENT	
Description			MaxClassLevels	20		Scope	LOCAL	
DropMapVariables	Υ		MaxPercentMissing	50		Segment		
DsCreateDate	2049725118.3		MetaAdvisor	BASIC		Table	DATADIGGERSPRED_TRAIN	

Node=DATADIGGERSPRED_TRAIN Data Attributes

Attribute	Value	Attribute	Value	Attribute	Value
Data Name	DATADIGGERSPRED_TRAIN	Date Created	13Dec2024:16:04:37	Data Size	25560064
Data Type	DATA	Date Modified	13Dec2024:16:04:37	Role	RAW
Data Label		Number Rows	318339	Segment	
Engine	BASE	Number Columns	8	Data Library	BS

Node=DATADIGGERSPRED_TRAIN Variables List

Name	Label	Role	Level	Туре	Length	Format	Creator
Country	Country	INPUT	NOMINAL	С	20	\$20.	
CustomerID	CustomerID	ID	INTERVAL	N	8	BEST.	
InvoiceDate	InvoiceDate	TIMEID	INTERVAL	N	8	DATETIME16.0	
InvoiceNo	InvoiceNo	ID	INTERVAL	N	8	BEST.	
Quantity	Quantity	TARGET	INTERVAL	N	8	BEST.	
StockCode	StockCode	ID	NOMINAL	С	12	\$12.	
UnitPrice	UnitPrice	INPUT	INTERVAL	N	8	BEST.	
dataobs	Observation Number	REJECTED	INTERVAL	N	8		

Node=Filter Summary

Node id = Filter Node label = Filter Meta path = Ids3 => Filter Notes =

Node=Filter Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Filter		KeepMissingInterval	Υ		PercentsCutoff	0.5	
ClassFilterMethod	MINPCT		MADSCutoff	9		PublishScoreCode	Υ	
CreateDistributionData	Υ	N	MaxValues	25		SpacingsCutoff	9	
ExportTable	FILTERED		MinFreq	1		StddevCutoff	3	
IntervalFilterMethod	STDDEV		MinPercent	0.01		TabletoFilter	TRAIN	
KeepMissingClass	Υ		NormalizeClassValue	Υ		UpdateClassLevel	N	

Node=Filter Variable Summary

Role	Level	Frequency Count	Name
TIMEID	INTERVAL	1	InvoiceDate
TARGET	INTERVAL	1	Quantity
REJECTED	INTERVAL	1	_dataobs_
INPUT	INTERVAL	1	UnitPrice
INPUT	NOMINAL	1	Country

Node=Filter Excluded Class Values

Node=Filter Limits for Interval Variables

Variable	Role	Minimum	Maximum		Keep Missing Values	Label
UnitPrice	INPUT	-59.9148	66.1093	STDDEV	Υ	UnitPrice

Node=Sample(90%) Summary

Node id = Smpl Node label = Sample(90%) Meta path = Ids3 => Filter => Smpl Notes =

Node=Sample(90%) Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Sample		IgnoreSmallStrata	N		OutputType	DATA	
AdjustFreq	N		IntervalDistribution	Υ		Pvalue	0.01	
Alpha	0.01		LevelProportion	100		RandomSeed	12345	
ClassDistribution	Υ		LevelSampleProportion	50		SizeObs		
ClusterMethod	RANDOM		LevelSelection	EVENT		SizePercent	10	
FreqCount	N		Method	DEFAULT		SizeType	PERCENT	
FreqMiss	N		MinStrataSize	5		StratifyCriterion	PROPORTIONAL	

Node=Sample(90%) Variable Summary

Role	Level	Frequency Count	Name
TIMEID	INTERVAL	1	InvoiceDate
TARGET	INTERVAL	1	Quantity
REJECTED	INTERVAL	1	_dataobs_
INPUT	INTERVAL	1	UnitPrice
INPUT	NOMINAL	1	Country
ID	INTERVAL	2	CustomerID InvoiceNo
ID	NOMINAL	1	StockCode

Node=90% Average Cluster Summary

Node id = Clus5 Node label = 90% Average Cluster Meta path = lds3 => Filter => Smpl => Clus5 Notes =

Node=90% Average Cluster Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Cluster		FinalMaxNum	20		MissingNominal	DEFAULT	
AutomaticMaxNum	50		HideVariable	Υ		MissingOrdinal	DEFAULT	
AutomaticMethod	AVERAGE	WARD	ImputationMethod	NONE		NominalEncoding	GLM	
AutomaticMinNum	2		Initial	DEFAULT		NumberClusterMethod	USER	AUTOMATIC
Bins	100		Learn			OrdinalEncoding	RANK	
CCCCutOff	3		LeamFinal	0.02		Radius	0	
ClusterGraphs	Υ		LearnInitial	0.5		Stdize	STD	
Clusvar	_SEGMENT_		LearnSteps	1000		Summary	N	
ClusvarLabel	Segment Variable		MaxC	6	10	TrainDefaults	Υ	
ClusvarRole	SEGMENT		MaxIter	10		TreeProfile	Υ	
DistancePlot	Υ		MaxSteps	1200		XConv	0.0001	
Drift	N		MissingInterval	DEFAULT				

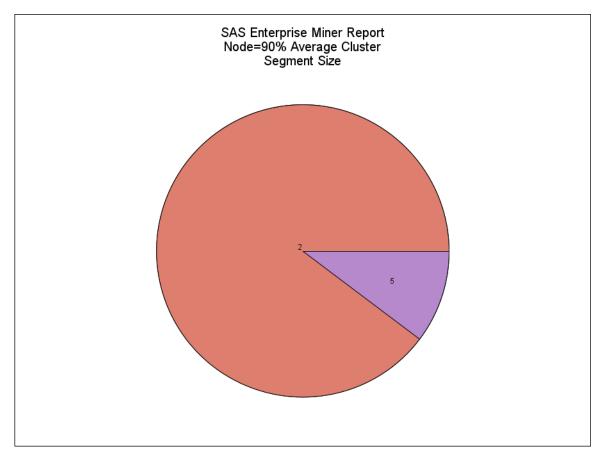
Node=90% Average Cluster Variable Summary

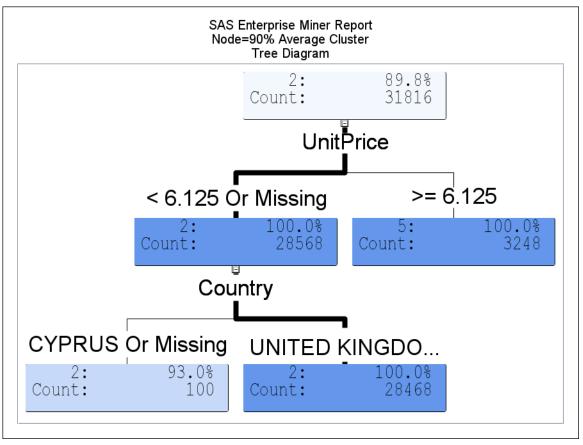
Role	Level	Frequency Count	Name
INPUT	INTERVAL	1	UnitPrice
INPUT	NOMINAL	1	Country
ID	INTERVAL	3	CustomerID InvoiceNo _dataobs_
ID	NOMINAL	1	StockCode

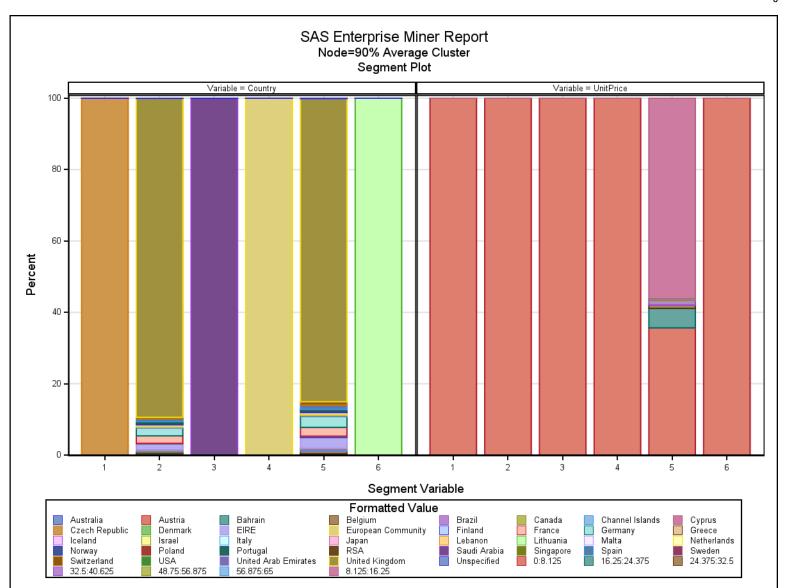
Node=90% Average Cluster Mean Statistics

Variable	Segment 1	Segment 2	Segment 3	Segment 4	Segment 5	Segment 6
Clustering Criterion	0.1865	0.19	0.1865	0.1865	0.19	0.1865
Maximum Relative Change in Cluster Seeds	0.0002	0.00	0.0002	0.0002	0.00	0.0002
Improvement in Clustering Criterion						
Frequency of Cluster	1.0000	28561.00	2.0000	1.0000	3248.00	3.0000
Root-Mean-Square Standard Deviation		0.16	0.0450		0.32	0.0675
Maximum Distance from Cluster Seed	0.0000	14.72	0.1961	0.0000	16.46	0.4726
Nearest Cluster	2.0000	5.00	2.0000	2.0000	2.00	2.0000
Distance to Nearest Cluster	29.3299	2.50	20.7409	29.3290	2.50	16.9409
UnitPrice	0.8500	2.04	2.3000	2.9500	10.32	3.2167
Country=Australia	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Austria	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Bahrain	0.0000	0.00	0.0000	0.0000	0.00	0.0000

	Segment		Segment	Segment	Segment	Segment
Variable	1	Segment 2	3	4	5	6
Country=Belgium	-0.0000	0.00	-0.0000	-0.0000	0.01	-0.0000
Country=Brazil	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Canada	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Channel Islands	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Cyprus	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Czech Republic	1.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Denmark	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=EIRE	0.0000	0.02	0.0000	0.0000	0.03	0.0000
Country=European Community	0.0000	0.00	0.0000	1.0000	0.00	0.0000
Country=Finland	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=France	0.0000	0.02	0.0000	0.0000	0.02	0.0000
Country=Germany	0.0000	0.02	0.0000	0.0000	0.03	0.0000
Country=Greece	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Iceland	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Israel	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Italy	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Japan	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Lebanon	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Lithuania	0.0000	-0.00	0.0000	0.0000	-0.00	1.0000
Country=Malta	0.0000	0.00	0.0000	0.0000	-0.00	0.0000
Country=Netherlands	0.0000	0.01	0.0000	0.0000	0.01	0.0000
Country=Norway	-0.0000	0.00	-0.0000	-0.0000	0.01	-0.0000
Country=Poland	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Portugal	-0.0000	0.00	-0.0000	-0.0000	0.00	-0.0000
Country=RSA	-0.0000	0.00	-0.0000	-0.0000	0.00	-0.0000
Country=Saudi Arabia	0.0000	0.00	1.0000	0.0000	0.00	0.0000
Country=Singapore	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Spain	0.0000	0.01	0.0000	0.0000	0.01	-0.0000
Country=Sweden	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Switzerland	0.0000	0.00	0.0000	0.0000	0.01	-0.0000
Country=USA	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=United Arab Emirates	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=United Kingdom	-0.0000	0.89	-0.0000	-0.0000	0.85	-0.0000
Country=Unspecified	0.0000	0.00	0.0000	0.0000	0.00	0.0000







Node=90% Centroid Cluster Summary

Node id = Clus4 Node label = 90% Centroid Cluster Meta path = lds3 => Filter => Smpl => Clus4 Notes =

Node=90% Centroid Cluster Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Cluster		FinalMaxNum	20		MissingNominal	DEFAULT	
AutomaticMaxNum	50		HideVariable	Υ		MissingOrdinal	DEFAULT	
AutomaticMethod	CENTROID	WARD	ImputationMethod	NONE		NominalEncoding	GLM	
AutomaticMinNum	2		Initial	DEFAULT		NumberClusterMethod	USER	AUTOMATIC
Bins	100		Learn			OrdinalEncoding	RANK	
CCCCutOff	3		LeamFinal	0.02		Radius	0	
ClusterGraphs	Υ		LearnInitial	0.5		Stdize	STD	
Clusvar	_SEGMENT_		LearnSteps	1000		Summary	N	
ClusvarLabel	Segment Variable		MaxC	6	10	TrainDefaults	Υ	
ClusvarRole	SEGMENT		MaxIter	10		TreeProfile	Υ	
DistancePlot	Υ		MaxSteps	1200		XConv	0.0001	
Drift	N		MissingInterval	DEFAULT				

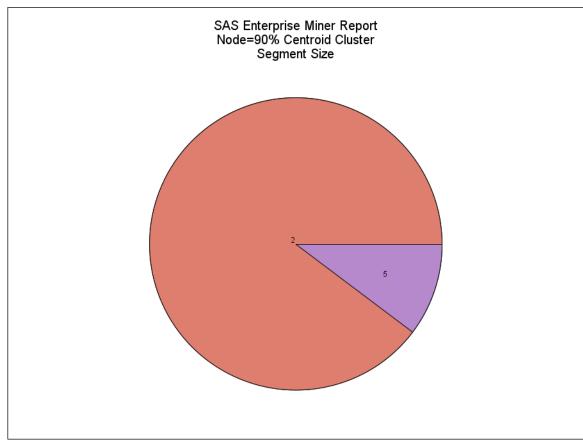
Node=90% Centroid Cluster Variable Summary

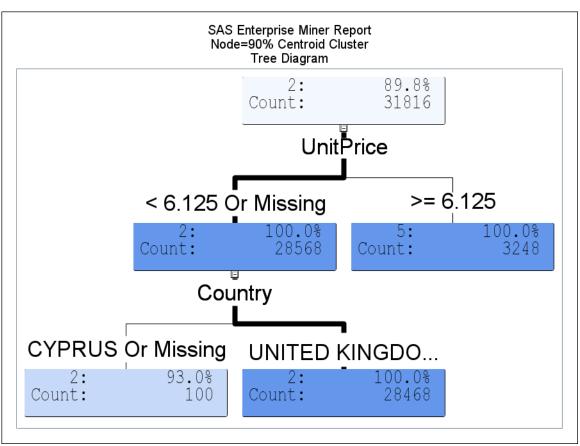
Role	Level	Frequency Count	Name
INPUT	INTERVAL	1	UnitPrice
INPUT	NOMINAL	1	Country
ID	INTERVAL	3	CustomerID InvoiceNo _dataobs_
ID	NOMINAL	1	StockCode

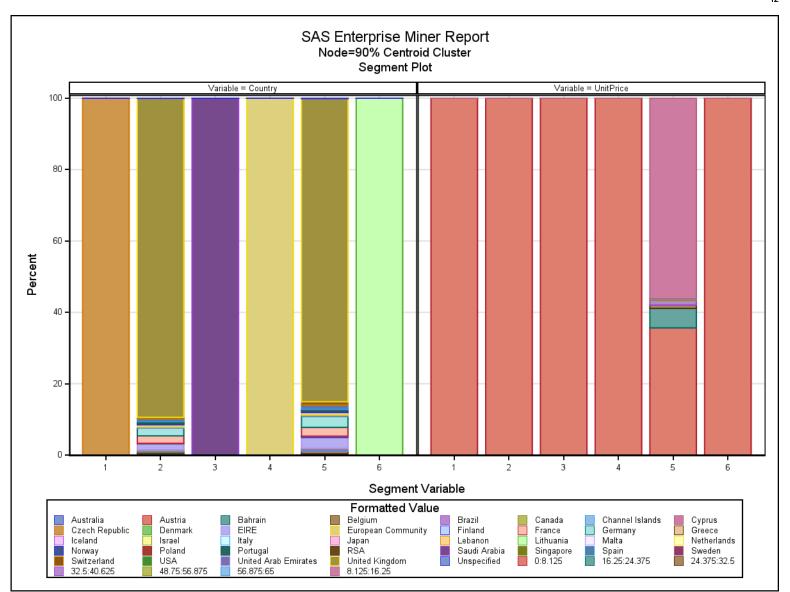
Node=90% Centroid Cluster Mean Statistics

Variable	Segment 1	Segment 2	Segment 3	Segment 4	Segment 5	Segment 6
Clustering Criterion	0.1865	0.19	0.1865	0.1865	0.19	0.1865
Maximum Relative Change in Cluster Seeds	0.0002	0.00	0.0002	0.0002	0.00	0.0002
Improvement in Clustering Criterion						
Frequency of Cluster	1.0000	28561.00	2.0000	1.0000	3248.00	3.0000
Root-Mean-Square Standard Deviation		0.16	0.0450		0.32	0.0675
Maximum Distance from Cluster Seed	0.0000	14.72	0.1961	0.0000	16.46	0.4726
Nearest Cluster	2.0000	5.00	2.0000	2.0000	2.00	2.0000
Distance to Nearest Cluster	29.3299	2.50	20.7409	29.3290	2.50	16.9409
UnitPrice	0.8500	2.04	2.3000	2.9500	10.32	3.2167
Country=Australia	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Austria	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Bahrain	0.0000	0.00	0.0000	0.0000	0.00	0.0000

	Segment		Segment	Segment	Segment	Segment
Variable	1	Segment 2	3	4	5	6
Country=Belgium	-0.0000	0.00	-0.0000	-0.0000	0.01	-0.0000
Country=Brazil	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Canada	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Channel Islands	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Cyprus	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Czech Republic	1.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Denmark	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=EIRE	0.0000	0.02	0.0000	0.0000	0.03	0.0000
Country=European Community	0.0000	0.00	0.0000	1.0000	0.00	0.0000
Country=Finland	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=France	0.0000	0.02	0.0000	0.0000	0.02	0.0000
Country=Germany	0.0000	0.02	0.0000	0.0000	0.03	0.0000
Country=Greece	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Iceland	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Israel	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Italy	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Japan	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Lebanon	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Lithuania	0.0000	-0.00	0.0000	0.0000	-0.00	1.0000
Country=Malta	0.0000	0.00	0.0000	0.0000	-0.00	0.0000
Country=Netherlands	0.0000	0.01	0.0000	0.0000	0.01	0.0000
Country=Norway	-0.0000	0.00	-0.0000	-0.0000	0.01	-0.0000
Country=Poland	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Portugal	-0.0000	0.00	-0.0000	-0.0000	0.00	-0.0000
Country=RSA	-0.0000	0.00	-0.0000	-0.0000	0.00	-0.0000
Country=Saudi Arabia	0.0000	0.00	1.0000	0.0000	0.00	0.0000
Country=Singapore	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Spain	0.0000	0.01	0.0000	0.0000	0.01	-0.0000
Country=Sweden	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Switzerland	0.0000	0.00	0.0000	0.0000	0.01	-0.0000
Country=USA	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=United Arab Emirates	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=United Kingdom	-0.0000	0.89	-0.0000	-0.0000	0.85	-0.0000
Country=Unspecified	0.0000	0.00	0.0000	0.0000	0.00	0.0000







Node=90% Ward Clustering Summary

Node id = Clus6 Node label = 90% Ward Clustering Meta path = lds3 => Filter => Smpl => Clus6 Notes =

Node=90% Ward Clustering Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Cluster		FinalMaxNum	20		MissingNominal	DEFAULT	
AutomaticMaxNum	50		HideVariable	Υ	/ MissingOrdinal		DEFAULT	
AutomaticMethod	WARD		ImputationMethod	NONE		NominalEncoding	GLM	
AutomaticMinNum	2		Initial	DEFAULT		NumberClusterMethod		AUTOMATIC
Bins	100		Learn			OrdinalEncoding	RANK	
CCCCutOff	3		LeamFinal	0.02		Radius	0	
ClusterGraphs	Υ		LearnInitial	0.5		Stdize	STD	
Clusvar	_SEGMENT_		LearnSteps	1000		Summary	N	
ClusvarLabel	Segment Variable		MaxC	6	10	TrainDefaults	Υ	
ClusvarRole	SEGMENT		MaxIter	10		TreeProfile	Υ	
DistancePlot	Υ		MaxSteps	1200		XConv	0.0001	
Drift	N		MissingInterval	DEFAULT				

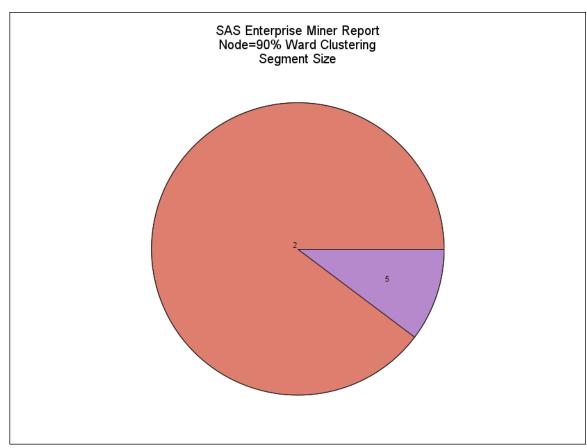
Node=90% Ward Clustering Variable Summary

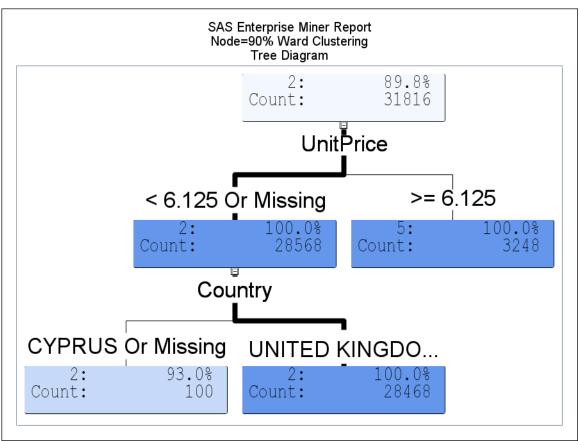
Role	Level	Frequency Count	Name
INPUT	INTERVAL	1	UnitPrice
INPUT	NOMINAL	1	Country
ID	INTERVAL	3	CustomerID InvoiceNo _dataobs_
ID	NOMINAL	1	StockCode

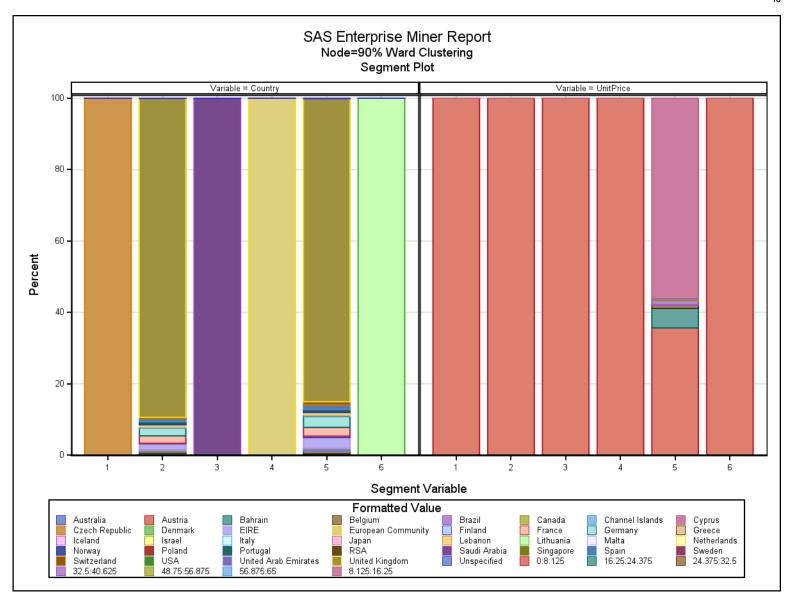
Node=90% Ward Clustering Mean Statistics

Variable	Segment 1	Segment 2	Segment 3	Segment 4	Segment 5	Segment 6
Clustering Criterion	0.1865	0.19	0.1865	0.1865	0.19	0.1865
Maximum Relative Change in Cluster Seeds	0.0002	0.00	0.0002	0.0002	0.00	0.0002
Improvement in Clustering Criterion						
Frequency of Cluster	1.0000	28561.00	2.0000	1.0000	3248.00	3.0000
Root-Mean-Square Standard Deviation		0.16	0.0450		0.32	0.0675
Maximum Distance from Cluster Seed	0.0000	14.72	0.1961	0.0000	16.46	0.4726
Nearest Cluster	2.0000	5.00	2.0000	2.0000	2.00	2.0000
Distance to Nearest Cluster	29.3299	2.50	20.7409	29.3290	2.50	16.9409
UnitPrice	0.8500	2.04	2.3000	2.9500	10.32	3.2167
Country=Australia	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Austria	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Bahrain	0.0000	0.00	0.0000	0.0000	0.00	0.0000

Variable	Segment 1	Segment 2	Segment 3	Segment 4	Segment 5	Segment 6
Country=Belgium	-0.0000	0.00	-0.0000	-0.0000	0.01	-0.0000
Country=Brazil	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Canada	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Channel Islands	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Cyprus	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Czech Republic	1.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Denmark	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=EIRE	0.0000	0.02	0.0000	0.0000	0.03	0.0000
Country=European Community	0.0000	0.00	0.0000	1.0000	0.00	0.0000
Country=Finland	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=France	0.0000	0.02	0.0000	0.0000	0.02	0.0000
Country=Germany	0.0000	0.02	0.0000	0.0000	0.03	0.0000
Country=Greece	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Iceland	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Israel	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Italy	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Japan	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Lebanon	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Lithuania	0.0000	-0.00	0.0000	0.0000	-0.00	1.0000
Country=Malta	0.0000	0.00	0.0000	0.0000	-0.00	0.0000
Country=Netherlands	0.0000	0.01	0.0000	0.0000	0.01	0.0000
Country=Norway	-0.0000	0.00	-0.0000	-0.0000	0.01	-0.0000
Country=Poland	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Portugal	-0.0000	0.00	-0.0000	-0.0000	0.00	-0.0000
Country=RSA	-0.0000	0.00	-0.0000	-0.0000	0.00	-0.0000
Country=Saudi Arabia	0.0000	0.00	1.0000	0.0000	0.00	0.0000
Country=Singapore	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Spain	0.0000	0.01	0.0000	0.0000	0.01	-0.0000
Country=Sweden	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=Switzerland	0.0000	0.00	0.0000	0.0000	0.01	-0.0000
Country=USA	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=United Arab Emirates	0.0000	0.00	0.0000	0.0000	0.00	0.0000
Country=United Kingdom	-0.0000	0.89	-0.0000	-0.0000	0.85	-0.0000
Country=Unspecified	0.0000	0.00	0.0000	0.0000	0.00	0.0000







Node=DATADIGGERSPRED_TRAIN Summary

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

Node=DATADIGGERSPRED_TRAIN Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	DataSource		DsCreatedBy	sboda		NBytes	25560064	
ApplyIntervalLevelLowerLimit	Υ		Dsld	datadiggerspredtrain		NCols	8	
ApplyMaxClassLevels	Υ		DsModifiedBy	sboda		NObs	318339	
ApplyMaxPercentMissing	Υ		DsModifyDate	2049725118.4		NewTable		
CMeta	WORK.M2ZULWCD		DsSampleName			NewVariableRole	REJECT	
ComputeStatistics	N		DsSampleSize			OutputType	VIEW	
DBPassThrough	Υ		DsSampleSizeType			Role	RAW	TRAIN
Data	BS.DATADIGGERSPRED_TRAIN		DsScope	LOCAL		Sample	D	
DataSelection	DATASOURCE		IdentifyEmptyColumns	Υ		SampleSizeObs	10000	
DataSource	datadiggerspredtrain		IntervalLowerLimit	20		SampleSizePercent	20	
DataSourceRole	RAW		Library	BS		SampleSizeType	PERCENT	
Description			MaxClassLevels	20		Scope	LOCAL	
DropMapVariables	Υ		MaxPercentMissing	50		Segment		
DsCreateDate	2049725118.3		MetaAdvisor	BASIC		Table	DATADIGGERSPRED_TRAIN	

Node=DATADIGGERSPRED_TRAIN Data Attributes

Attribute	Value	Attribute	Value	Attribute	Value
Data Name	DATADIGGERSPRED_TRAIN	Date Created	13Dec2024:16:04:37	Data Size	25560064
Data Type	DATA	Date Modified	13Dec2024:16:04:37	Role	RAW
Data Label		Number Rows	318339	Segment	
Engine	BASE	Number Columns	8	Data Library	BS

Node=DATADIGGERSPRED_TRAIN Variables List

Name	Label	Role	Level	Туре	Length	Format	Creator
Country	Country	INPUT	NOMINAL	С	20	\$20.	
CustomerID	CustomerID	ID	INTERVAL	N	8	BEST.	
InvoiceDate	InvoiceDate	TIMEID	INTERVAL	N	8	DATETIME16.0	
InvoiceNo	InvoiceNo	ID	INTERVAL	N	8	BEST.	
Quantity	Quantity	TARGET	INTERVAL	N	8	BEST.	
StockCode	StockCode	ID	NOMINAL	С	12	\$12.	
UnitPrice	UnitPrice	INPUT	INTERVAL	N	8	BEST.	
dataobs	Observation Number	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	30	
ClassDistribution	Υ		OutputType	DATA		TrainPct	40	
IntervalDistribution	Υ		RandomSeed	12345		ValidatePct	30	

Node=Data Partition Variable Summary

Role	Level	Frequency Count	Name
TIMEID	INTERVAL	1	InvoiceDate
TARGET	INTERVAL	1	Quantity
REJECTED	INTERVAL	1	_dataobs_
INPUT	INTERVAL	1	UnitPrice
INPUT	NOMINAL	1	Country
ID	INTERVAL	2	CustomerID InvoiceNo
ID	NOMINAL	1	StockCode

Node=Stepwise Regression Summary

Node id = Reg4 Node label = Stepwise Regression Meta path = Ids => Part => Reg4 Notes =

Node=Stepwise 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	STEPWISE	NONE	SuppressOutput	N	
ExcludedVariable	REJECT		OptimizationTechnique	DEFAULT		Terms	N	
FConvTimes	1		Performance	N		TwoFactor	N	
FConvValue	0		Polynomial	N				

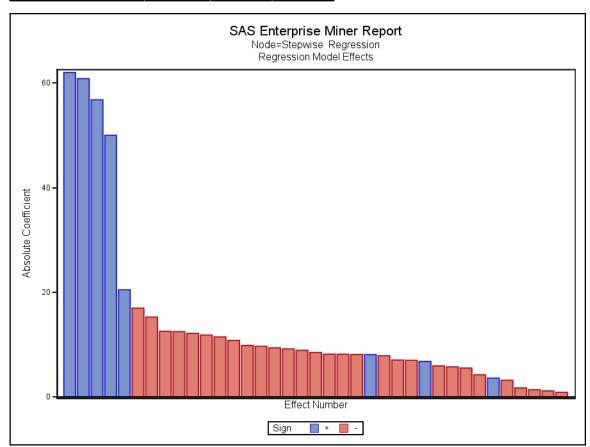
Node=Stepwise Regression Variable Summary

Role	Level	Frequency Count	Name
TARGET	INTERVAL	1	Quantity
INPUT	INTERVAL	1	UnitPrice
INPUT	NOMINAL	1	Country

Node=Stepwise Regression Model Fit Statistics

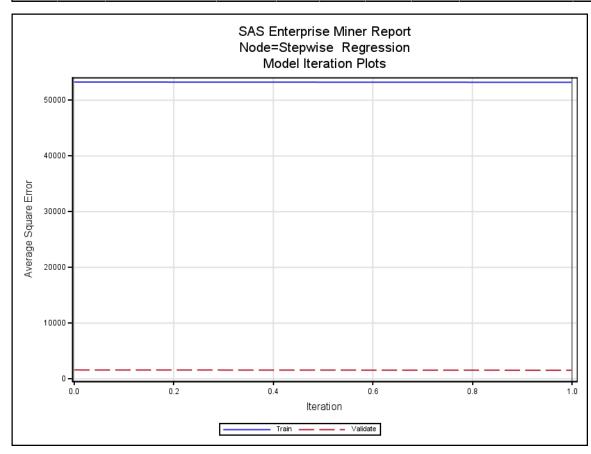
Label of Statistic	Train	Validation	Test
Akaike's Information Criterion	1385750.96		
Average Squared Error	53212.68	1536.02	3295.83
Average Error Function	53212.68	1536.02	3295.83
Degrees of Freedom for Error	127299.00		
Model Degrees of Freedom	37.00		
Total Degrees of Freedom	127336.00		

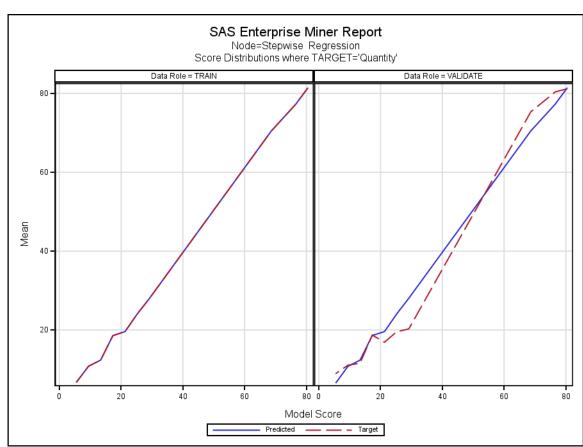
Label of Statistic	Train	Validation	Test
Divisor for ASE	127336.00	95502.00	95501.00
Error Function	6775889255.84	146693301.07	314754781.43
Final Prediction Error	53243.61		
Maximum Absolute Error	80982.70	3101.70	12527.70
Mean Square Error	53228.14	1536.02	3295.83
Sum of Frequencies	127336.00	95502.00	95501.00
Number of Estimate Weights	37.00		
Root Average Sum of Squares	230.68	39.19	57.41
Root Final Prediction Error	230.75		
Root Mean Squared Error	230.71	39.19	57.41
Schwarz's Bayesian Criterion	1386111.88		
Sum of Squared Errors	6775889255.84	146693301.07	314754781.43
Sum of Case Weights Times Freq	127336.00	95502.00	95501.00

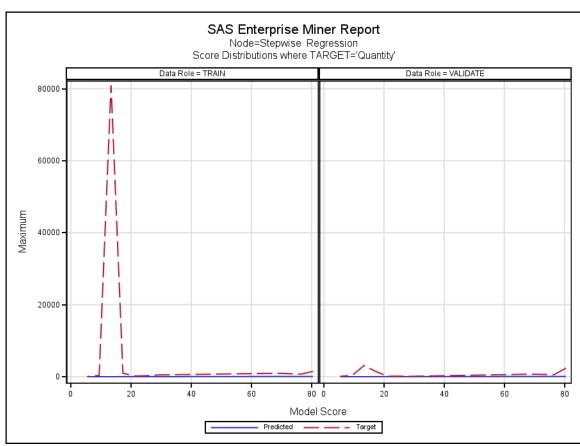


Effect Number	Variable	Level	Coefficient	T-value	P Value	Effect Number	Variable	Level	Coefficient	T-value	P Value
1	Country	JAPAN	62.0130	2.48897	0.01281	20	Country	UNITED_KINGDOM	-8.16437	-1.16586	0.24367
2	Country	NETHERLANDS	60.8422	5.69873	0.00000	21	Country	UNITED_ARAB_EMIRATES	-8.15178	-0.14421	0.88534
3	Country	SWEDEN	56.7923	2.91395	0.00357	22	Country	CHANNEL_ISLANDS	-8.09775	-0.51297	0.60797
4	Country	AUSTRALIA	50.0098	3.66895	0.00024	23	Country	SINGAPORE	8.07303	0.28541	0.77533
5	Intercept		20.4643	2.93561	0.00333	24	Country	ICELAND	-7.85025	-0.25715	0.79706
6	Country	BAHRAIN	-16.9643	-0.15091	0.88005	25	Country	GERMANY	-7.03533	-0.86949	0.38458
7	Country	RSA	-15.2538	-0.29363	0.76904	26	Country	FRANCE	-6.99737	-0.85287	0.39373
8	Country	MALTA	-12.5332	-0.29666	0.76672	27	Country	CANADA	6.76489	0.20419	0.83820
9	Country	SAUDI_ARABIA	-12.4643	-0.14647	0.88355	28	Country	ISRAEL	-5.91204	-0.20901	0.83444
10	Country	LEBANON	-12.1309	-0.22740	0.82011	29	Country	CYPRUS	-5.74151	-0.33268	0.73938
11	Country	EUROPEAN_COMMUNITY	-11.8172	-0.21538	0.82947	30	Country	USA	-5.51043	-0.19206	0.84770

Effect Number	Variable	Level	Coefficient	T-value	P Value	Effect Number	Variable	Level	Coefficient	T-value	P Value
12	Country	BRAZIL	-11.4643	-0.15261	0.87871	31	Country	FINLAND	-4.22707	-0.25137	0.80153
13	Country	GREECE	-10.7908	-0.32894	0.74220	32	Country	DENMARK	3.58835	0.16206	0.87126
14	Country	SPAIN	-9.8243	-0.92561	0.35465	33	Country	SWITZERLAND	-3.17007	-0.27611	0.78247
15	Country	PORTUGAL	-9.6634	-0.77832	0.43638	34	Country	LITHUANIA	-1.71428	-0.02153	0.98283
16	Country	POLAND	-9.3669	-0.42136	0.67349	35	Country	EIRE	-1.35948	-0.16161	0.87162
17	Country	BELGIUM	-9.1734	-0.82087	0.41172	36	Country	CZECH_REPUBLIC	-1.13095	-0.01231	0.99018
18	Country	ITALY	-8.9023	-0.55568	0.57843	37	Country	NORWAY	-0.87008	-0.06238	0.95026
19	Country	AUSTRIA	-8.4851	-0.42518	0.67070						







Node=Stepwise Regression Score Distributions

Target Variable=Quantity Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
78.528 - 82.477	81.4266	82.4773	81.3065	81.4266	1488	1
74.580 - 78.528	77.2566	77.2566	77.2566	77.2566	720	1
66.682 - 70.631	70.4741	70.4741	70.4741	70.4741	960	1
27.193 - 31.142	27.9913	28.5373	27.2292	27.9913	504	1
23.244 - 27.193	24.0526	24.0526	24.0526	24.0526	256	1
19.295 - 23.244	19.5897	19.5942	19.3333	19.5897	192	1
15.347 - 19.295	18.5515	19.1048	16.2372	18.5515	960	1
11.398 - 15.347	12.3593	14.9538	11.5620	12.3593	80995	1
7.449 - 11.398	10.7894	11.2909	7.9310	10.7894	360	1
3.500 - 7.449	6.6847	7.1477	3.5000	6.6847	36	1

Target Variable=Quantity Data Role=VALIDATE

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
78.528 - 82.477	81.4567	82.4773	81.3065	81.1941	2400	1
74.580 - 78.528	77.2566	77.2566	77.2566	80.3750	576	1
66.682 - 70.631	70.4741	70.4741	70.4741	75.3136	720	1
27.193 - 31.142	28.0616	28.5373	27.2292	20.2841	100	1
23.244 - 27.193	24.0526	24.0526	24.0526	19.5385	144	1
19.295 - 23.244	19.5875	19.5942	19.3333	16.8905	120	1
15.347 - 19.295	18.5897	19.1048	16.2372	18.7027	1440	1
11.398 - 15.347	12.3568	14.9538	11.5620	11.5731	3114	1
7.449 - 11.398	10.7649	11.2909	7.9310	11.0547	360	1
3.500 - 7.449	6.5274	7.1477	3.5000	8.9429	96	1

Node=Backward Regression Summary

Node id = Reg2 Node label = Backward Regression Meta path = Ids => Part => Reg2 Notes =

Node=Backward 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	BACKWARD	NONE	SuppressOutput	N	
ExcludedVariable	REJECT		OptimizationTechnique	DEFAULT		Terms	N	
FConvTimes	1		Performance	N		TwoFactor	N	
FConvValue	0		Polynomial	N				

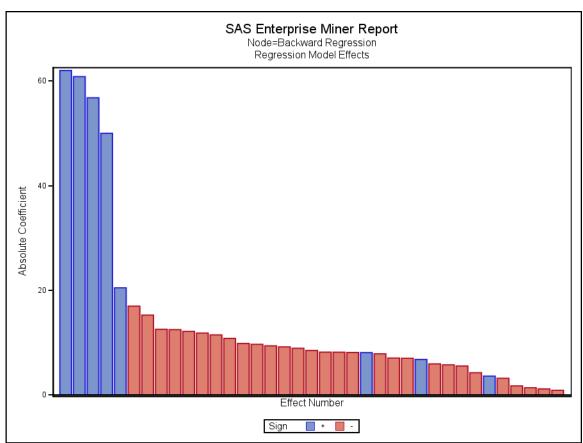
Node=Backward Regression Variable Summary

Role	Level	Frequency Count	Name
TARGET	INTERVAL	1	Quantity
INPUT	INTERVAL	1	UnitPrice
INPUT	NOMINAL	1	Country

Node=Backward Regression Model Fit Statistics

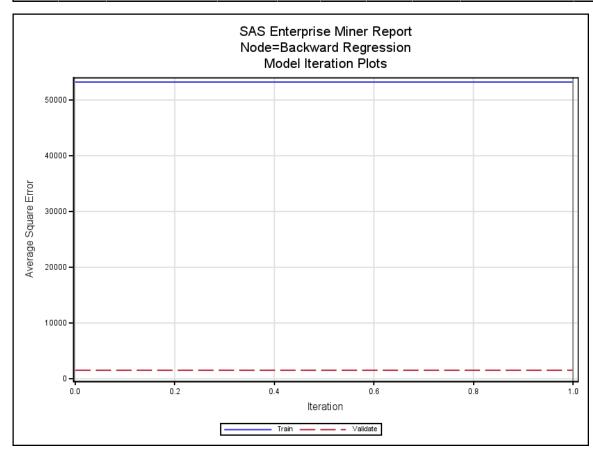
Label of Statistic	Train	Validation	Test
Akaike's Information Criterion	1385750.96		
Average Squared Error	53212.68	1536.02	3295.83
Average Error Function	53212.68	1536.02	3295.83
Degrees of Freedom for Error	127299.00		
Model Degrees of Freedom	37.00		
Total Degrees of Freedom	127336.00		

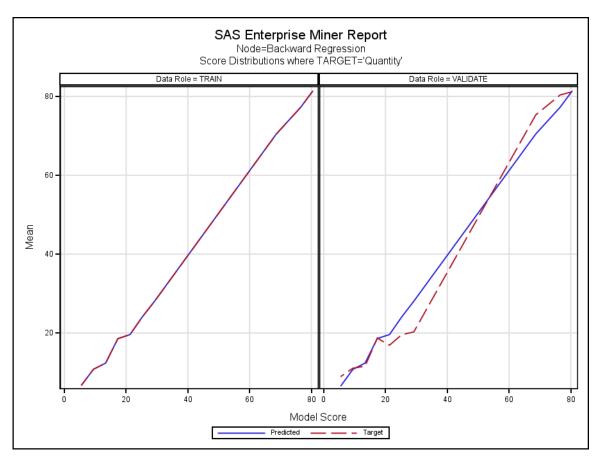
Label of Statistic	Train	Validation	Test
Divisor for ASE	127336.00	95502.00	95501.00
Error Function	6775889255.84	146693301.07	314754781.43
Final Prediction Error	53243.61		
Maximum Absolute Error	80982.70	3101.70	12527.70
Mean Square Error	53228.14	1536.02	3295.83
Sum of Frequencies	127336.00	95502.00	95501.00
Number of Estimate Weights	37.00		
Root Average Sum of Squares	230.68	39.19	57.41
Root Final Prediction Error	230.75		
Root Mean Squared Error	230.71	39.19	57.41
Schwarz's Bayesian Criterion	1386111.88		
Sum of Squared Errors	6775889255.84	146693301.07	314754781.43
Sum of Case Weights Times Freq	127336.00	95502.00	95501.00

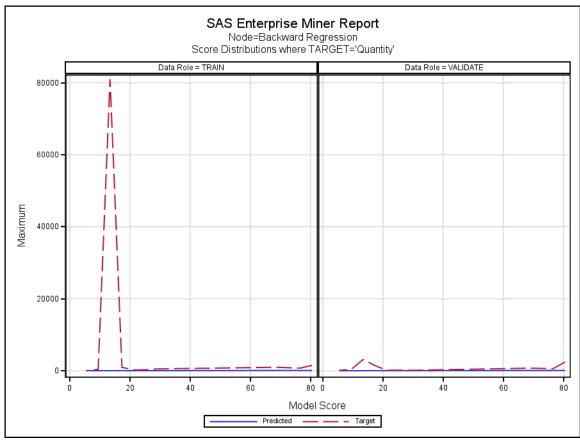


Effect Number	Variable	Level	Coefficient	T-value	P Value	Effect Number	Variable	Level	Coefficient	T-value	P Value
1	Country	JAPAN	62.0130	2.48897	0.01281	20	Country	UNITED_KINGDOM	-8.16437	-1.16586	0.24367
2	Country	NETHERLANDS	60.8422	5.69873	0.00000	21	Country	UNITED_ARAB_EMIRATES	-8.15178	-0.14421	0.88534
3	Country	SWEDEN	56.7923	2.91395	0.00357	22	Country	CHANNEL_ISLANDS	-8.09775	-0.51297	0.60797
4	Country	AUSTRALIA	50.0098	3.66895	0.00024	23	Country	SINGAPORE	8.07303	0.28541	0.77533
5	Intercept		20.4643	2.93561	0.00333	24	Country	ICELAND	-7.85025	-0.25715	0.79706
6	Country	BAHRAIN	-16.9643	-0.15091	0.88005	25	Country	GERMANY	-7.03533	-0.86949	0.38458
7	Country	RSA	-15.2538	-0.29363	0.76904	26	Country	FRANCE	-6.99737	-0.85287	0.39373
8	Country	MALTA	-12.5332	-0.29666	0.76672	27	Country	CANADA	6.76489	0.20419	0.83820
9	Country	SAUDI_ARABIA	-12.4643	-0.14647	0.88355	28	Country	ISRAEL	-5.91204	-0.20901	0.83444
10	Country	LEBANON	-12.1309	-0.22740	0.82011	29	Country	CYPRUS	-5.74151	-0.33268	0.73938
11	Country	EUROPEAN_COMMUNITY	-11.8172	-0.21538	0.82947	30	Country	USA	-5.51043	-0.19206	0.84770

Effect Number	Variable	Level	Coefficient	T-value	P Value	Effect Number	Variable	Level	Coefficient	T-value	P Value
12	Country	BRAZIL	-11.4643	-0.15261	0.87871	31	Country	FINLAND	-4.22707	-0.25137	0.80153
13	Country	GREECE	-10.7908	-0.32894	0.74220	32	Country	DENMARK	3.58835	0.16206	0.87126
14	Country	SPAIN	-9.8243	-0.92561	0.35465	33	Country	SWITZERLAND	-3.17007	-0.27611	0.78247
15	Country	PORTUGAL	-9.6634	-0.77832	0.43638	34	Country	LITHUANIA	-1.71428	-0.02153	0.98283
16	Country	POLAND	-9.3669	-0.42136	0.67349	35	Country	EIRE	-1.35948	-0.16161	0.87162
17	Country	BELGIUM	-9.1734	-0.82087	0.41172	36	Country	CZECH_REPUBLIC	-1.13095	-0.01231	0.99018
18	Country	ITALY	-8.9023	-0.55568	0.57843	37	Country	NORWAY	-0.87008	-0.06238	0.95026
19	Country	AUSTRIA	-8.4851	-0.42518	0.67070						







Node=Backward Regression Score Distributions

Target Variable=Quantity Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
78.528 - 82.477	81.4266	82.4773	81.3065	81.4266	1488	1
74.580 - 78.528	77.2566	77.2566	77.2566	77.2566	720	1
66.682 - 70.631	70.4741	70.4741	70.4741	70.4741	960	1
27.193 - 31.142	27.9913	28.5373	27.2292	27.9913	504	1
23.244 - 27.193	24.0526	24.0526	24.0526	24.0526	256	1
19.295 - 23.244	19.5897	19.5942	19.3333	19.5897	192	1
15.347 - 19.295	18.5515	19.1048	16.2372	18.5515	960	1
11.398 - 15.347	12.3593	14.9538	11.5620	12.3593	80995	1
7.449 - 11.398	10.7894	11.2909	7.9310	10.7894	360	1
3.500 - 7.449	6.6847	7.1477	3.5000	6.6847	36	1

Target Variable=Quantity Data Role=VALIDATE

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
78.528 - 82.477	81.4567	82.4773	81.3065	81.1941	2400	1
74.580 - 78.528	77.2566	77.2566	77.2566	80.3750	576	1
66.682 - 70.631	70.4741	70.4741	70.4741	75.3136	720	1
27.193 - 31.142	28.0616	28.5373	27.2292	20.2841	100	1
23.244 - 27.193	24.0526	24.0526	24.0526	19.5385	144	1
19.295 - 23.244	19.5875	19.5942	19.3333	16.8905	120	1
15.347 - 19.295	18.5897	19.1048	16.2372	18.7027	1440	1
11.398 - 15.347	12.3568	14.9538	11.5620	11.5731	3114	1
7.449 - 11.398	10.7649	11.2909	7.9310	11.0547	360	1
3.500 - 7.449	6.5274	7.1477	3.5000	8.9429	96	1

Node=Forward Regression Summary

Node id = Reg3 Node label = Forward Regression Meta path = Ids => Part => Reg3 Notes =

Node=Forward 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	FORWARD	NONE	SuppressOutput	N	
ExcludedVariable	REJECT		OptimizationTechnique	DEFAULT		Terms	N	
FConvTimes	1		Performance	N		TwoFactor	N	
FConvValue	0		Polynomial	N				

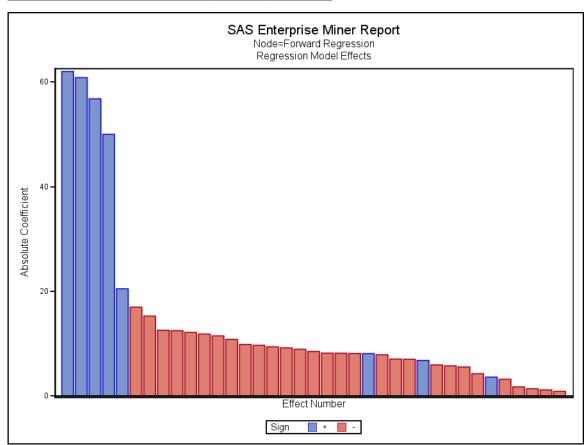
Node=Forward Regression Variable Summary

Role	Level	Frequency Count	Name
TARGET	INTERVAL	1	Quantity
INPUT	INTERVAL	1	UnitPrice
INPUT	NOMINAL	1	Country

Node=Forward Regression Model Fit Statistics

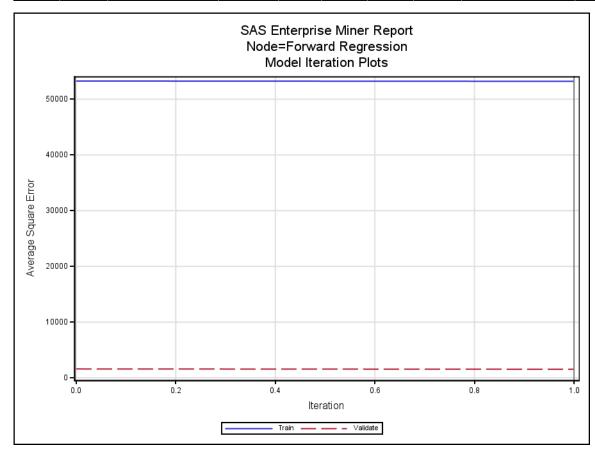
Label of Statistic	Train	Validation	Test
Akaike's Information Criterion	1385750.96		
Average Squared Error	53212.68	1536.02	3295.83
Average Error Function	53212.68	1536.02	3295.83
Degrees of Freedom for Error	127299.00		
Model Degrees of Freedom	37.00		
Total Degrees of Freedom	127336.00		

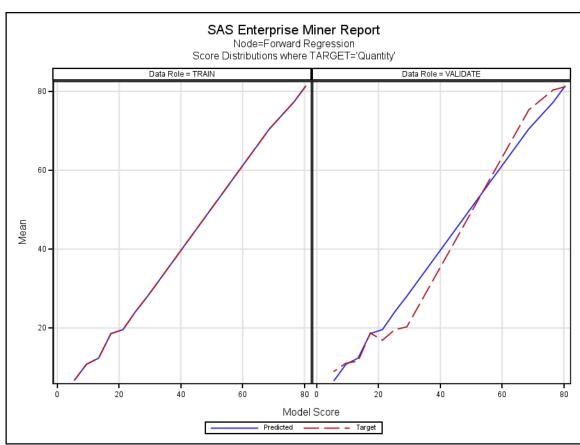
Label of Statistic	Train	Validation	Test
Divisor for ASE	127336.00	95502.00	95501.00
Error Function	6775889255.84	146693301.07	314754781.43
Final Prediction Error	53243.61		
Maximum Absolute Error	80982.70	3101.70	12527.70
Mean Square Error	53228.14	1536.02	3295.83
Sum of Frequencies	127336.00	95502.00	95501.00
Number of Estimate Weights	37.00		
Root Average Sum of Squares	230.68	39.19	57.41
Root Final Prediction Error	230.75		
Root Mean Squared Error	230.71	39.19	57.41
Schwarz's Bayesian Criterion	1386111.88		
Sum of Squared Errors	6775889255.84	146693301.07	314754781.43
Sum of Case Weights Times Freq	127336.00	95502.00	95501.00

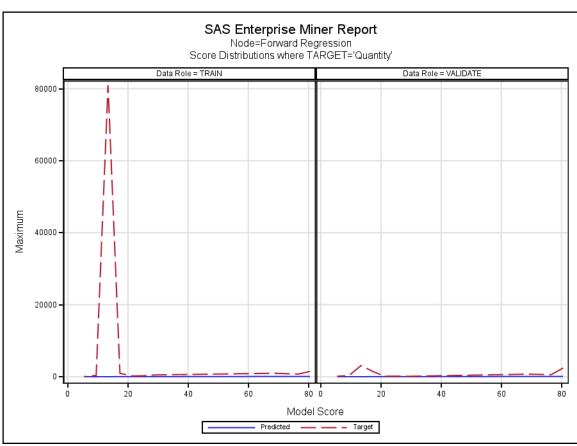


Effect Number	Variable	Level	Coefficient	T-value	P Value	Effect Number	Variable	Level	Coefficient	T-value	P Value
1	Country	JAPAN	62.0130	2.48897	0.01281	20	Country	UNITED_KINGDOM	-8.16437	-1.16586	0.24367
2	Country	NETHERLANDS	60.8422	5.69873	0.00000	21	Country	UNITED_ARAB_EMIRATES	-8.15178	-0.14421	0.88534
3	Country	SWEDEN	56.7923	2.91395	0.00357	22	Country	CHANNEL_ISLANDS	-8.09775	-0.51297	0.60797
4	Country	AUSTRALIA	50.0098	3.66895	0.00024	23	Country	SINGAPORE	8.07303	0.28541	0.77533
5	Intercept		20.4643	2.93561	0.00333	24	Country	ICELAND	-7.85025	-0.25715	0.79706
6	Country	BAHRAIN	-16.9643	-0.15091	0.88005	25	Country	GERMANY	-7.03533	-0.86949	0.38458
7	Country	RSA	-15.2538	-0.29363	0.76904	26	Country	FRANCE	-6.99737	-0.85287	0.39373
8	Country	MALTA	-12.5332	-0.29666	0.76672	27	Country	CANADA	6.76489	0.20419	0.83820
9	Country	SAUDI_ARABIA	-12.4643	-0.14647	0.88355	28	Country	ISRAEL	-5.91204	-0.20901	0.83444
10	Country	LEBANON	-12.1309	-0.22740	0.82011	29	Country	CYPRUS	-5.74151	-0.33268	0.73938
11	Country	EUROPEAN_COMMUNITY	-11.8172	-0.21538	0.82947	30	Country	USA	-5.51043	-0.19206	0.84770

Effect Number	Variable	Level	Coefficient	T-value	P Value	Effect Number	Variable	Level	Coefficient	T-value	P Value
12	Country	BRAZIL	-11.4643	-0.15261	0.87871	31	Country	FINLAND	-4.22707	-0.25137	0.80153
13	Country	GREECE	-10.7908	-0.32894	0.74220	32	Country	DENMARK	3.58835	0.16206	0.87126
14	Country	SPAIN	-9.8243	-0.92561	0.35465	33	Country	SWITZERLAND	-3.17007	-0.27611	0.78247
15	Country	PORTUGAL	-9.6634	-0.77832	0.43638	34	Country	LITHUANIA	-1.71428	-0.02153	0.98283
16	Country	POLAND	-9.3669	-0.42136	0.67349	35	Country	EIRE	-1.35948	-0.16161	0.87162
17	Country	BELGIUM	-9.1734	-0.82087	0.41172	36	Country	CZECH_REPUBLIC	-1.13095	-0.01231	0.99018
18	Country	ITALY	-8.9023	-0.55568	0.57843	37	Country	NORWAY	-0.87008	-0.06238	0.95026
19	Country	AUSTRIA	-8.4851	-0.42518	0.67070						







Node=Forward Regression Score Distributions

Target Variable=Quantity Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
78.528 - 82.477	81.4266	82.4773	81.3065	81.4266	1488	1
74.580 - 78.528	77.2566	77.2566	77.2566	77.2566	720	1
66.682 - 70.631	70.4741	70.4741	70.4741	70.4741	960	1
27.193 - 31.142	27.9913	28.5373	27.2292	27.9913	504	1
23.244 - 27.193	24.0526	24.0526	24.0526	24.0526	256	1
19.295 - 23.244	19.5897	19.5942	19.3333	19.5897	192	1
15.347 - 19.295	18.5515	19.1048	16.2372	18.5515	960	1
11.398 - 15.347	12.3593	14.9538	11.5620	12.3593	80995	1
7.449 - 11.398	10.7894	11.2909	7.9310	10.7894	360	1
3.500 - 7.449	6.6847	7.1477	3.5000	6.6847	36	1

Target Variable=Quantity Data Role=VALIDATE

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
78.528 - 82.477	81.4567	82.4773	81.3065	81.1941	2400	1
74.580 - 78.528	77.2566	77.2566	77.2566	80.3750	576	1
66.682 - 70.631	70.4741	70.4741	70.4741	75.3136	720	1
27.193 - 31.142	28.0616	28.5373	27.2292	20.2841	100	1
23.244 - 27.193	24.0526	24.0526	24.0526	19.5385	144	1
19.295 - 23.244	19.5875	19.5942	19.3333	16.8905	120	1
15.347 - 19.295	18.5897	19.1048	16.2372	18.7027	1440	1
11.398 - 15.347	12.3568	14.9538	11.5620	11.5731	3114	1
7.449 - 11.398	10.7649	11.2909	7.9310	11.0547	360	1
3.500 - 7.449	6.5274	7.1477	3.5000	8.9429	96	1

Node=Exhaustive Regression Summary

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

Node=Exhaustive 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				

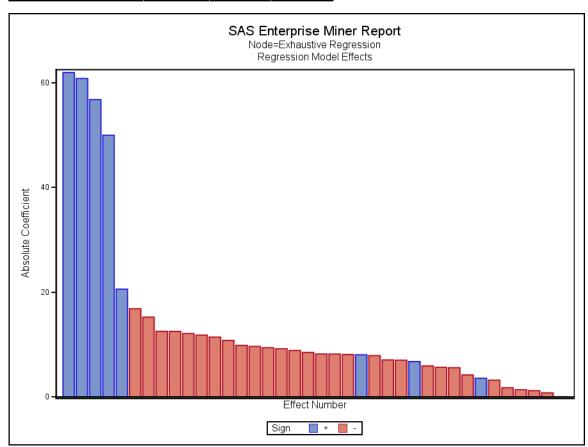
Node=Exhaustive Regression Variable Summary

Role	Level	Frequency Count	Name
TARGET	INTERVAL	1	Quantity
INPUT	INTERVAL	1	UnitPrice
INPUT	NOMINAL	1	Country

Node=Exhaustive Regression Model Fit Statistics

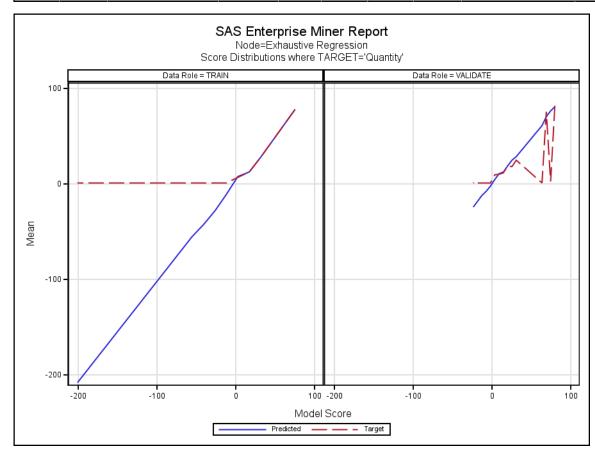
Label of Statistic	Train	Validation	Test
Akaike's Information Criterion	1385751.77		
Average Squared Error	53212.18	1535.19	3295.13
Average Error Function	53212.18	1535.19	3295.13
Degrees of Freedom for Error	127298.00		
Model Degrees of Freedom	38.00		
Total Degrees of Freedom	127336.00		

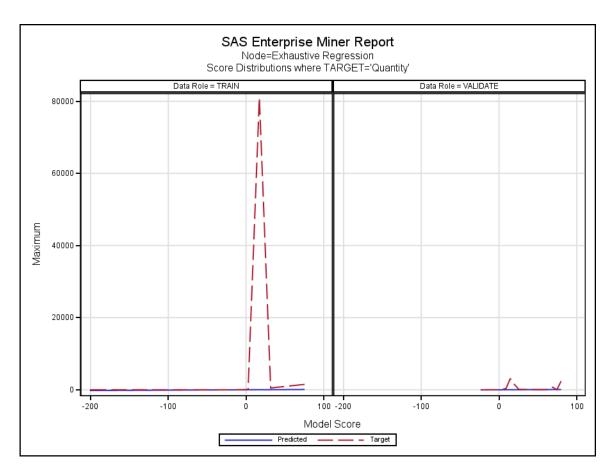
Label of Statistic	Train	Validation	Test
Divisor for ASE	127336.00	95502.00	95501.00
Error Function	6775826043.72	146614086.20	314688608.15
Final Prediction Error	53243.95		
Maximum Absolute Error	80982.67	3101.68	12527.62
Mean Square Error	53228.06	1535.19	3295.13
Sum of Frequencies	127336.00	95502.00	95501.00
Number of Estimate Weights	38.00		
Root Average Sum of Squares	230.68	39.18	57.40
Root Final Prediction Error	230.75		
Root Mean Squared Error	230.71	39.18	57.40
Schwarz's Bayesian Criterion	1386122.45		
Sum of Squared Errors	6775826043.72	146614086.20	314688608.15
Sum of Case Weights Times Freq	127336.00	95502.00	95501.00



Effect Number	Variable	Level	Coefficient	T-value	P Value	Effect Number	Variable	Level	Coefficient	T-value	P Value
1	Country	JAPAN	61.9550	2.48663	0.01290	20	Country	UNITED_KINGDOM	-8.19427	-1.17012	0.24195
2	Country	NETHERLANDS	60.8066	5.69537	0.00000	21	Country	UNITED_ARAB_EMIRATES	-8.17949	-0.14470	0.88495
3	Country	SWEDEN	56.7776	2.91320	0.00358	22	Country	CHANNEL_ISLANDS	-8.08612	-0.51224	0.60849
4	Country	AUSTRALIA	49.9711	3.66610	0.00025	23	Country	SINGAPORE	8.03627	0.28411	0.77633
5	Intercept		20.5757	2.95127	0.00317	24	Country	ICELAND	-7.89012	-0.25846	0.79605
6	Country	BAHRAIN	-16.8347	-0.14976	0.88095	25	Country	GERMANY	-7.05036	-0.87135	0.38356
7	Country	RSA	-15.2333	-0.29324	0.76934	26	Country	FRANCE	-7.00847	-0.85422	0.39298
8	Country	MALTA	-12.5127	-0.29618	0.76709	27	Country	CANADA	6.73789	0.20338	0.83884
9	Country	SAUDI_ARABIA	-12.5018	-0.14691	0.88320	28	Country	ISRAEL	-5.90491	-0.20876	0.83464
10	Country	LEBANON	-12.0923	-0.22667	0.82068	29	Country	CYPRUS	-5.64315	-0.32697	0.74369
11	Country	EUROPEAN_COMMUNITY	-11.7966	-0.21500	0.82977	30	Country	USA	-5.56792	-0.19406	0.84613

Effect Number	Variable	Level	Coefficient	T-value	P Value	Effect Number	Variable	Level	Coefficient	T-value	P Value
12	Country	BRAZIL	-11.4173	-0.15199	0.87920	31	Country	FINLAND	-4.18771	-0.24903	0.80334
13	Country	GREECE	-10.7710	-0.32834	0.74266	32	Country	DENMARK	3.55813	0.16070	0.87233
14	Country	SPAIN	-9.8323	-0.92636	0.35426	33	Country	SWITZERLAND	-3.18826	-0.27769	0.78125
15	Country	PORTUGAL	-9.6359	-0.77610	0.43769	34	Country	LITHUANIA	-1.74815	-0.02195	0.98249
16	Country	POLAND	-9.3795	-0.42193	0.67308	35	Country	EIRE	-1.36037	-0.16171	0.87153
17	Country	BELGIUM	-9.1915	-0.82249	0.41080	36	Country	CZECH_REPUBLIC	-1.18032	-0.01285	0.98975
18	Country	ITALY	-8.8627	-0.55321	0.58012	37	Country	NORWAY	-0.76367	-0.05475	0.95634
19	Country	AUSTRIA	-8.4851	-0.42518	0.67070	38	UnitPrice		-0.02708	-1.08976	0.27582





Node=Exhaustive Regression Score Distributions

Target Variable=Quantity Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
67.993 - 82.525	78.047	82.525	70.202	78.0472	1488	1
24.398 - 38.929	27.991	28.606	26.968	27.9913	504	1
9.866 - 24.398	12.525	24.128	9.939	12.5242	80995	1
-4.666 - 9.866	7.727	9.793	-4.162	6.8275	48	1
-19.1984.666	-10.942	-5.206	-17.202	1.0000	1	1
-33.73019.198	-28.246	-28.246	-28.246	1.0000	1	1
-48.26233.730	-42.672	-42.672	-42.672	1.0000	1	1
-62.79348.262	-55.315	-55.315	-55.315	1.0000	1	1
-208.112193.580	-208.112	-208.112	-208.112	1.0000	1	1

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
77.073 - 82.523	80.8725	82.5228	77.0838	81.9179	2400	1
71.623 - 77.073	76.4294	76.9484	76.2701	2.5000	8	1
66.174 - 71.623	70.4754	70.5400	70.1420	75.5734	720	1
60.724 - 66.174	61.0693	61.0693	61.0693	1.0000	1	1
28.026 - 33.476	28.5263	28.6068	28.3818	24.8679	100	4
22.576 - 28.026	24.8169	27.3057	23.6464	18.1014	144	1
17.127 - 22.576	18.8789	22.1321	17.1572	18.7957	1440	1
11.677 - 17.127	12.3725	17.1180	11.6791	11.6002	3114	1
6.227 - 11.677	10.7224	11.6737	6.7399	10.1246	360	1
0.778 - 6.227	4.5588	5.6118	2.0424	9.5385	96	1
-4.672 - 0.778	-2.2431	0.1576	-4.1625	1.0000	1	1

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
-10.1224.672	-7.7547	-7.7547	-7.7547	1.0000	1	1
-15.57110.122	-12.1211	-12.0320	-12.2102	1.0000	1	1
-26.47121.021	-24.2403	-22.0099	-26.4707	1.0000	1	1

Node=Reg Tree B3D6 Summary

Node id = Tree4 Node label = Reg Tree B3D6 Meta path = Ids => Part => Tree4 Notes =

Node=Reg Tree B3D6 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	3	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	Υ	

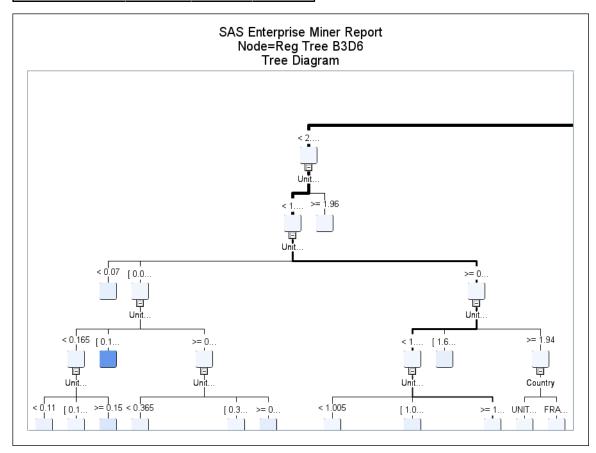
Node=Reg Tree B3D6 Variable Summary

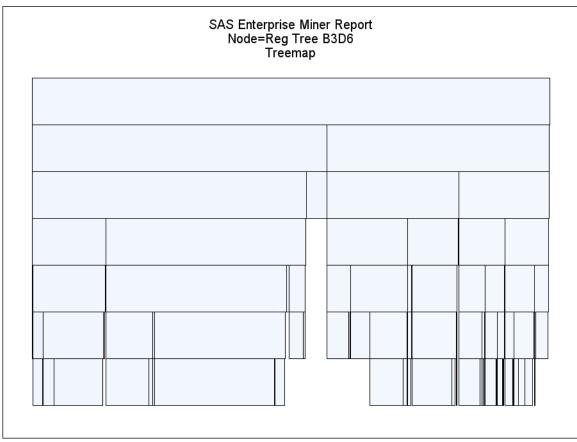
Role	Level	Frequency Count	Name
TIMEID	INTERVAL	1	InvoiceDate
TARGET	INTERVAL	1	Quantity
INPUT	INTERVAL	1	UnitPrice
INPUT	NOMINAL	1	Country
ID	INTERVAL	3	CustomerID InvoiceNo _dataobs_
ID	NOMINAL	1	StockCode

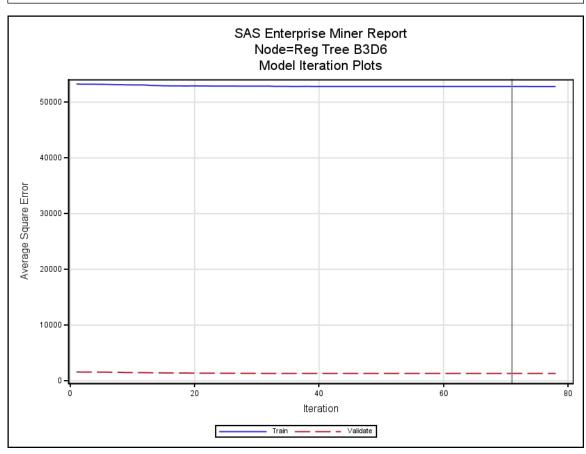
Node=Reg Tree B3D6 Model Fit Statistics

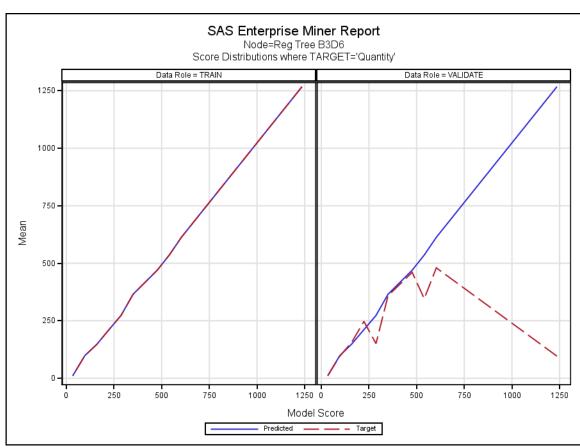
Target=Quantity Target Label=Quantity

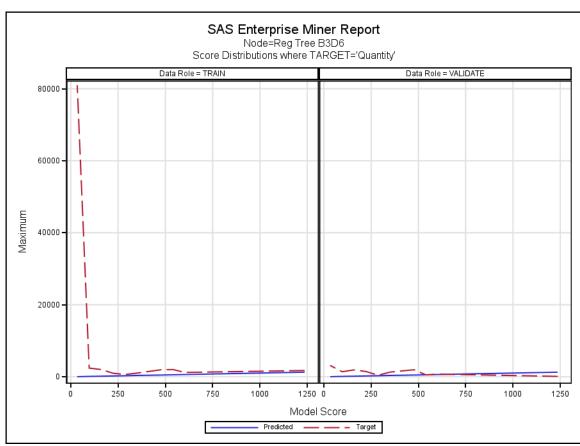
Label of Statistic	Train	Validation	Test
Sum of Frequencies	127336.00	95502.00	95501.00
Maximum Absolute Error	80970.97	3106.99	12427.55
Sum of Squared Errors	6726642064.31	125544233.50	286005847.35
Average Squared Error	52825.93	1314.57	2994.79
Root Average Squared Error	229.84	36.26	54.72
Divisor for ASE	127336.00	95502.00	95501.00
Total Degrees of Freedom	127336.00		











Node=Reg Tree B3D6 Score Distributions

Target Variable=Quantity Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1204.517 - 1267.800	1267.80	1267.80	1267.80	1267.80	1728	291
571.692 - 634.974	612.71	612.71	612.71	612.71	1200	240
508.409 - 571.692	535.78	535.78	535.78	535.78	2000	1
445.127 - 508.409	469.78	469.78	469.78	469.78	1944	120
318.562 - 381.844	365.23	365.23	365.23	365.23	1010	8
255.279 - 318.562	273.00	273.00	273.00	273.00	620	48
191.997 - 255.279	211.37	223.22	205.44	211.37	972	5
128.714 - 191.997	147.60	191.86	135.71	147.60	1992	1
65.431 - 128.714	98.40	120.86	74.23	98.40	2400	1
2.149 - 65.431	11.11	61.52	2.15	11.11	80995	1

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1204.517 - 1267.800	1267.80	1267.80	1267.80	96.000	96	96
571.692 - 634.974	612.71	612.71	612.71	480.000	720	240
508.409 - 571.692	535.78	535.78	535.78	346.000	500	20
445.127 - 508.409	469.78	469.78	469.78	460.333	1944	18
318.562 - 381.844	365.23	365.23	365.23	358.800	1284	12
255.279 - 318.562	273.00	273.00	273.00	150.333	408	18
191.997 - 255.279	211.23	223.22	205.44	247.256	1440	2
128.714 - 191.997	149.34	191.86	135.71	157.358	1900	1
65.431 - 128.714	98.28	120.86	74.23	95.870	1400	1
2.149 - 65.431	11.07	61.52	2.15	10.525	3114	1

Node=RegTree B2D2 Summary

Node id = Tree3 Node label = RegTree B2D2 Meta path = Ids => Part => Tree3 Notes =

Node=RegTree B2D2 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	2	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	Υ	

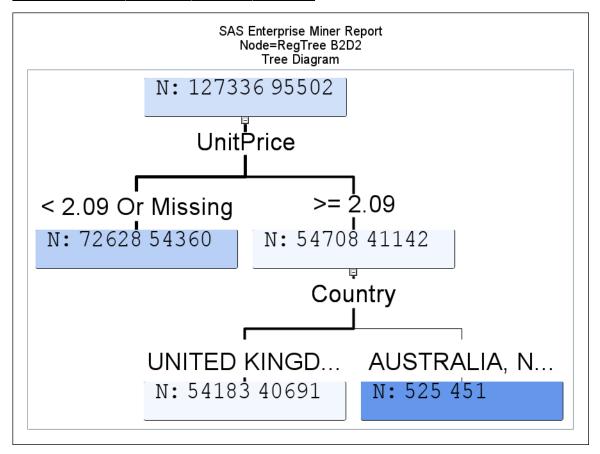
Node=RegTree B2D2 Variable Summary

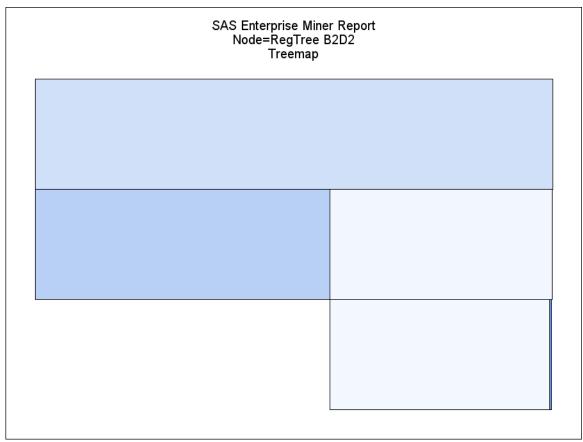
Role	Level	Frequency Count	Name
TIMEID	INTERVAL	1	InvoiceDate
TARGET	INTERVAL	1	Quantity
INPUT	INTERVAL	1	UnitPrice
INPUT	NOMINAL	1	Country
ID	INTERVAL	3	CustomerID InvoiceNo _dataobs_
ID	NOMINAL	1	StockCode

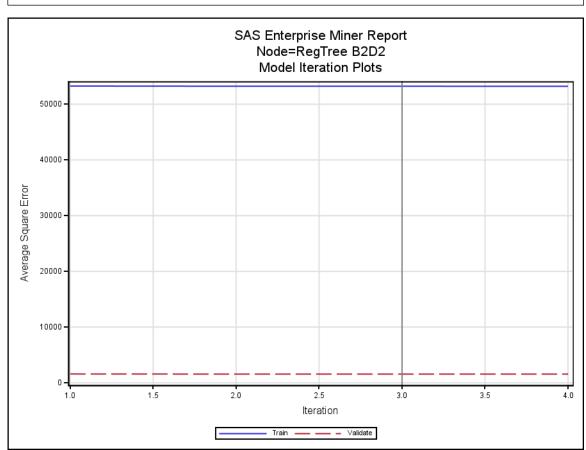
Node=RegTree B2D2 Model Fit Statistics

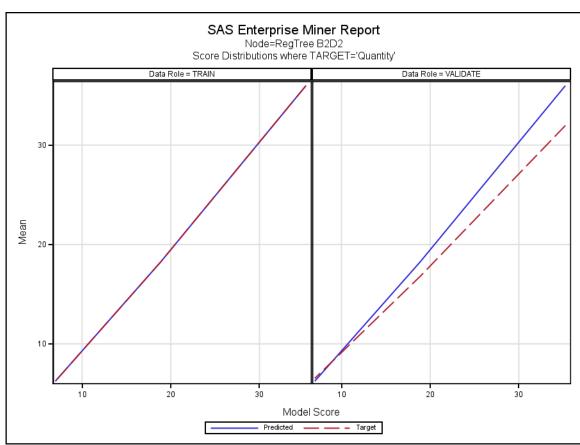
Target=Quantity Target Label=Quantity

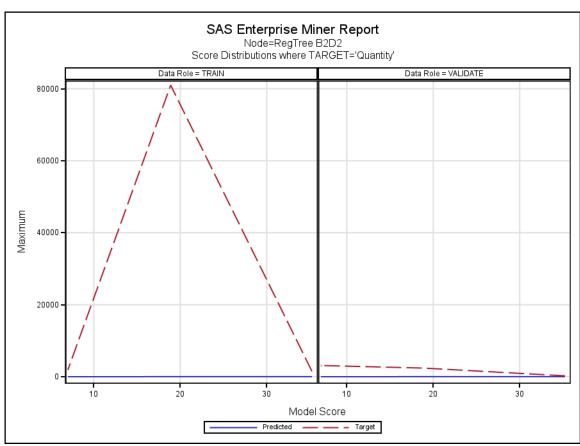
Label of Statistic	Train	Validation	Test
Sum of Frequencies	127336.00	95502.00	95501.00
Maximum Absolute Error	80976.73	3107.74	12521.73
Sum of Squared Errors	6777215930.95	148979033.87	317235003.09
Average Squared Error	53223.09	1559.96	3321.80
Root Average Squared Error	230.70	39.50	57.64
Divisor for ASE	127336.00	95502.00	95501.00
Total Degrees of Freedom	127336.00		











Node=RegTree B2D2 Score Distributions

Target Variable=Quantity Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
34.495 - 35.981	35.9810	35.9810	35.9810	35.9810	1488	1
18.148 - 19.634	18.2721	18.2721	18.2721	18.2721	80995	1
6.259 - 7.745	6.2587	6.2587	6.2587	6.2587	1930	1

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
34.495 - 35.981	35.9810	35.9810	35.9810	31.9690	250	1
18.148 - 19.634	18.2721	18.2721	18.2721	16.8110	2400	1
6.259 - 7.745	6.2587	6.2587	6.2587	6.5397	3114	1

Node=Reg Tree B2D4 Summary

Node id = Tree2 Node label = Reg Tree B2D4 Meta path = Ids => Part => Tree2 Notes =

Node=Reg Tree B2D4 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	4	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	Υ	

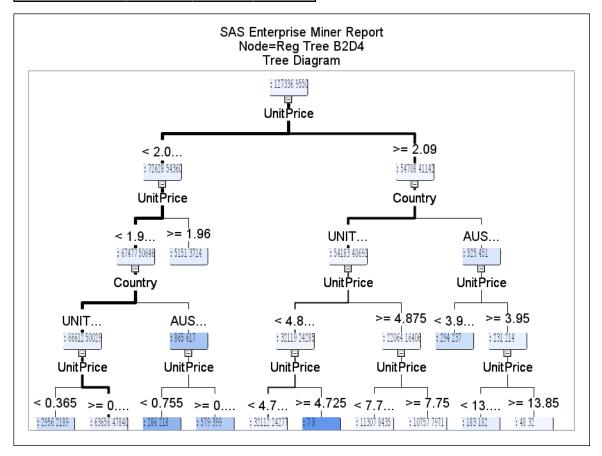
Node=Reg Tree B2D4 Variable Summary

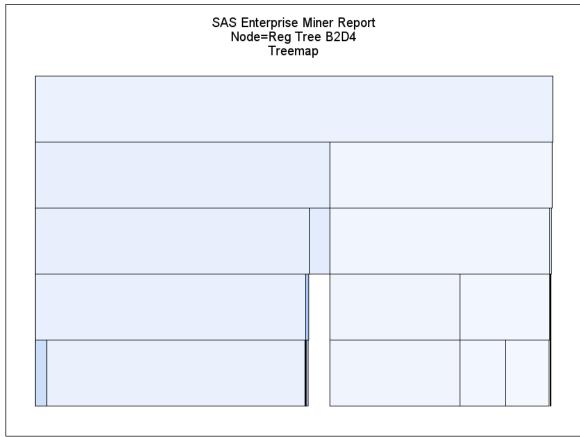
Role	Level	Frequency Count	Name
TIMEID	INTERVAL	1	InvoiceDate
TARGET	INTERVAL	1	Quantity
INPUT	INTERVAL	1	UnitPrice
INPUT	NOMINAL	1	Country
ID	INTERVAL	3	CustomerID InvoiceNo _dataobs_
ID	NOMINAL	1	StockCode

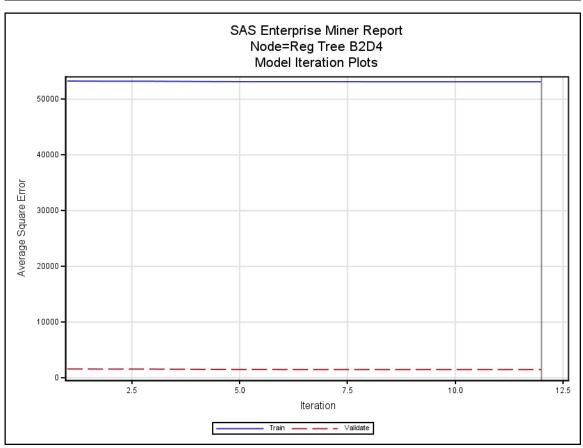
Node=Reg Tree B2D4 Model Fit Statistics

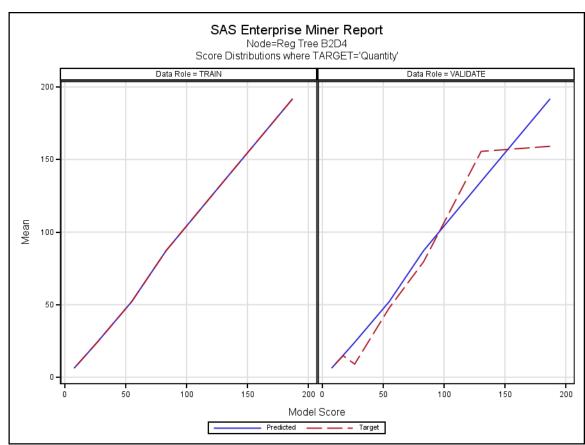
Target=Quantity Target Label=Quantity

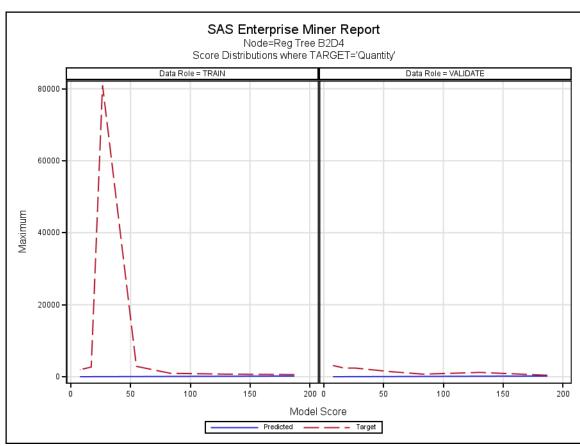
Label of Statistic	Train	Validation	Test
Sum of Frequencies	127336.00	95502.00	95501.00
Maximum Absolute Error	80970.97	3106.16	12487.86
Sum of Squared Errors	6765733508.48	141074482.15	308039413.70
Average Squared Error	53132.92	1477.19	3225.51
Root Average Squared Error	230.51	38.43	56.79
Divisor for ASE	127336.00	95502.00	95501.00
Total Degrees of Freedom	127336.00		











Node=Reg Tree B2D4 Score Distributions

Target Variable=Quantity Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
182.410 - 191.857	191.857	191.857	191.857	191.857	600	12
125.728 - 135.175	134.944	134.944	134.944	134.944	720	1
78.493 - 87.940	87.238	87.238	87.238	87.238	960	1
50.152 - 59.599	52.042	52.136	51.095	52.042	2880	1
21.811 - 31.258	24.031	24.031	24.031	24.031	80995	1
12.364 - 21.811	15.096	19.984	15.082	15.096	2700	1
2.917 - 12.364	6.233	7.842	2.917	6.233	1930	1

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
182.410 - 191.857	191.857	191.857	191.857	159.125	408	1
125.728 - 135.175	134.944	134.944	134.944	155.596	1200	1
78.493 - 87.940	87.238	87.238	87.238	79.634	720	1
50.152 - 59.599	52.035	52.136	51.095	47.678	1440	1
21.811 - 31.258	24.031	24.031	24.031	9.072	2400	1
12.364 - 21.811	15.101	19.984	15.082	14.849	2400	1
2.917 - 12.364	6.250	7.842	2.917	6.508	3114	1

Node=RegTree B2D6 Summary

Node id = Tree Node label = RegTree B2D6 Meta path = Ids => Part => Tree Notes =

Node=RegTree B2D6 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	Υ	

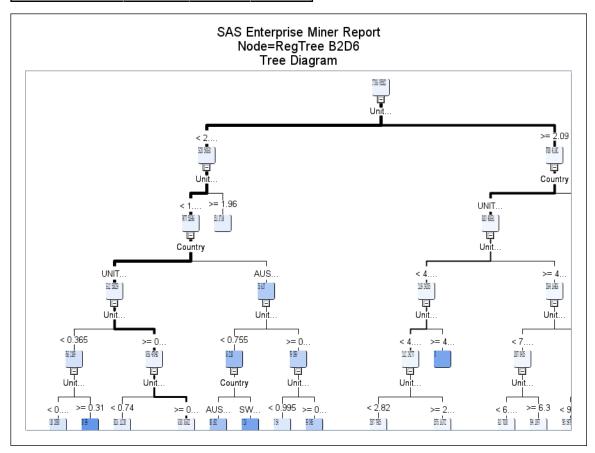
Node=RegTree B2D6 Variable Summary

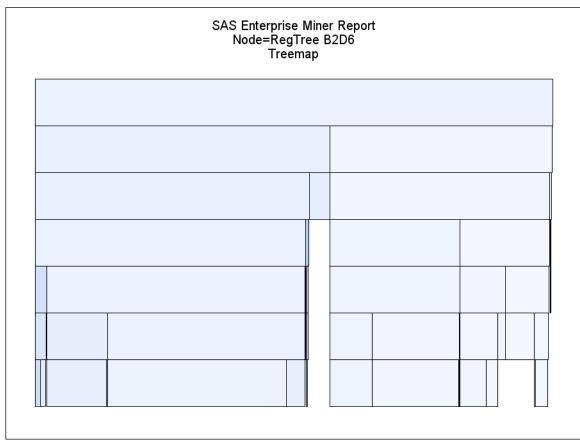
Role	Level	Frequency Count	Name
TIMEID	INTERVAL	1	InvoiceDate
TARGET	INTERVAL	1	Quantity
INPUT	INTERVAL	1	UnitPrice
INPUT	NOMINAL	1	Country
ID	INTERVAL	3	CustomerID InvoiceNo _dataobs_
ID	NOMINAL	1	StockCode

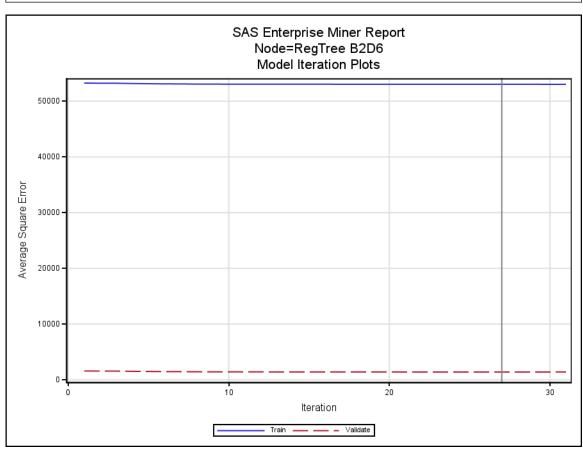
Node=RegTree B2D6 Model Fit Statistics

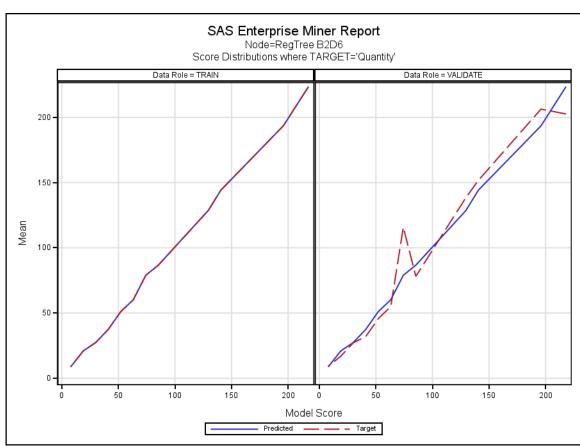
Target=Quantity Target Label=Quantity

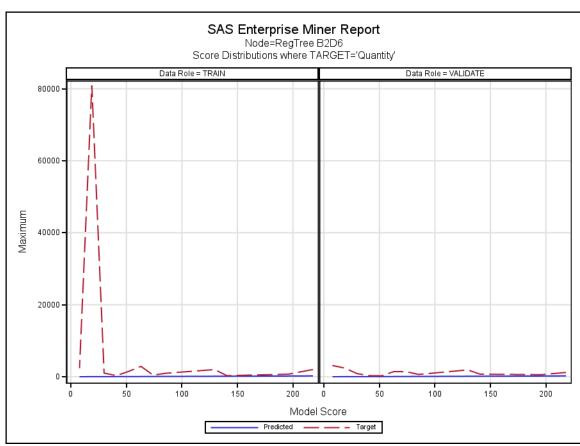
Label of Statistic	Train	Validation	Test
Sum of Frequencies	127336.00	95502.00	95501.00
Maximum Absolute Error	80970.97	3104.38	12479.84
Sum of Squared Errors	6754248251.83	133545825.85	300258400.80
Average Squared Error	53042.72	1398.36	3144.03
Root Average Squared Error	230.31	37.39	56.07
Divisor for ASE	127336.00	95502.00	95501.00
Total Degrees of Freedom	127336.00		











Node=RegTree B2D6 Score Distributions

Target Variable=Quantity Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
212.481 - 223.543	223.543	223.543	223.543	223.543	2000	1
190.357 - 201.419	193.644	193.974	191.857	193.644	720	12
135.047 - 146.109	144.216	144.216	144.216	144.216	288	36
123.985 - 135.047	128.723	130.807	125.899	128.723	1992	1
79.737 - 90.799	86.692	86.692	86.692	86.692	960	1
68.675 - 79.737	78.950	78.950	78.950	78.950	428	2
57.613 - 68.675	60.163	60.163	60.163	60.163	2880	1
46.551 - 57.613	51.095	51.095	51.095	51.095	1488	1
35.489 - 46.551	37.438	37.438	37.438	37.438	300	1
24.427 - 35.489	27.369	27.369	27.369	27.369	1008	1
13.365 - 24.427	20.911	24.031	19.984	20.911	80995	1
2.303 - 13.365	8.737	12.109	2.303	8.737	2400	1

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
212.481 - 223.543	223.543	223.543	223.543	202.626	1200	1
190.357 - 201.419	193.476	193.974	191.857	206.324	576	1
135.047 - 146.109	144.216	144.216	144.216	151.714	720	36
123.985 - 135.047	128.579	130.807	125.899	138.449	1900	1
79.737 - 90.799	86.692	86.692	86.692	78.142	640	1
68.675 - 79.737	78.950	78.950	78.950	115.767	1404	6
57.613 - 68.675	60.163	60.163	60.163	54.987	1440	1
46.551 - 57.613	51.095	51.095	51.095	45.641	250	1
35.489 - 46.551	37.438	37.438	37.438	31.944	288	1
24.427 - 35.489	27.369	27.369	27.369	27.163	864	1
13.365 - 24.427	20.883	24.031	19.984	16.891	2400	1
2.303 - 13.365	8.744	12.109	2.303	8.994	3114	1

Node=MLR Model Comparison Summary

Node id = MdlComp2 Node label = MLR Model Comparison Meta path = Ids => Part => Reg => MdlComp2 Notes =

Node=MLR Model Comparison Properties

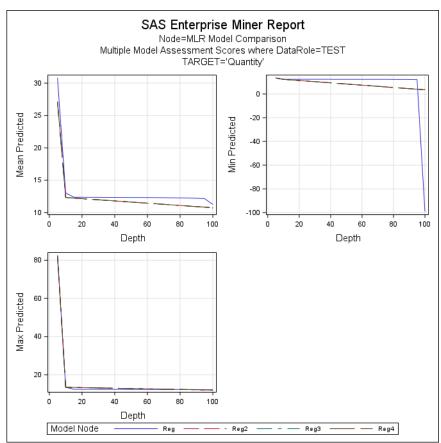
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	ModelCompare		NumberOfReportedLevels	1E-6		SelectionData	DEFAULT	
AssessAllTargetLevels	N		NumberofBins	20		SelectionDepth	10	
DecileBin	20		ProfitEpsilon	1E-6		SelectionTable	TRAIN	TABLE
HPCriteria	DEFAULT		RecomputeAssess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

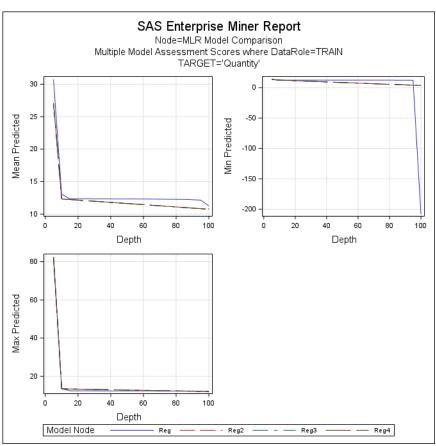
Node=MLR Model Comparison Variable Summary

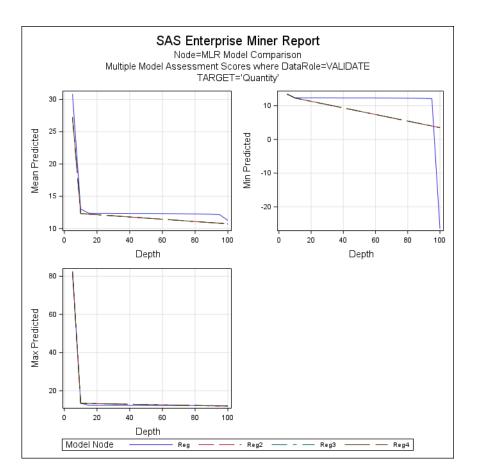
Role	Level	Frequency Count	Name
TARGET	INTERVAL	1	Quantity

Node=MLR Model Comparison Fit Statistics Table

Selected Model	Predecessor Node	Model Node	Model Description	Target Variable	Target Label	Selection Criterion: Valid: Average Squared Error	Train: Average Squared Error
Υ	Reg	Reg	Exhaustive Regression	Quantity	Quantity	1535.19	53212.18
	Reg2	Reg2	Backward Regression	Quantity	Quantity	1536.02	53212.68
	Reg3	Reg3	Forward Regression	Quantity	Quantity	1536.02	53212.68
	Reg4	Reg4	Stepwise Regression	Quantity	Quantity	1536.02	53212.68







Node=REgTree Model Comparison Summary

Node id = MdlComp Node label = REgTree Model Comparison Meta path = Ids => Part => Tree4 => MdlComp Notes =

Node=REgTree Model Comparison Properties

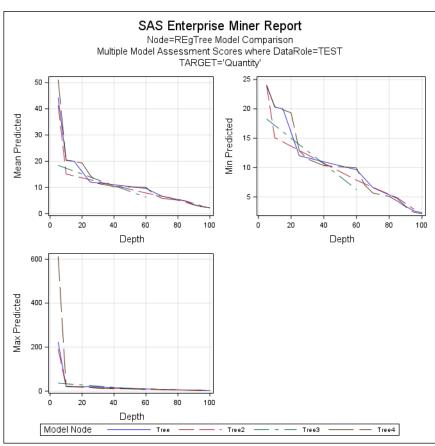
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	ModelCompare		NumberOfReportedLevels	1E-6		SelectionData	DEFAULT	
AssessAllTargetLevels	N		NumberofBins	20		SelectionDepth	10	
DecileBin	20		ProfitEpsilon	1E-6		SelectionTable	TRAIN	TABLE
HPCriteria	DEFAULT		RecomputeAssess	N		StatisticUsed	_VASE_	
LiftEpsilon	1E-6		RocChart	Υ		TargetLabel	Quantity	
ModelCriteria	Valid: Average Squared Error		RocEpsilon	0.01		TargetName	Quantity	
ModelDescription	Reg Tree B3D6		RoiEpsilon	1E-6		classViyaCriteria	DEFAULT	
Modelld	Tree4		ScoreDistBin	20		intervalViyaCriteria	DEFAULT	
NormalizeReportingVariables	Υ		SelectionCriteria	DEFAULT				

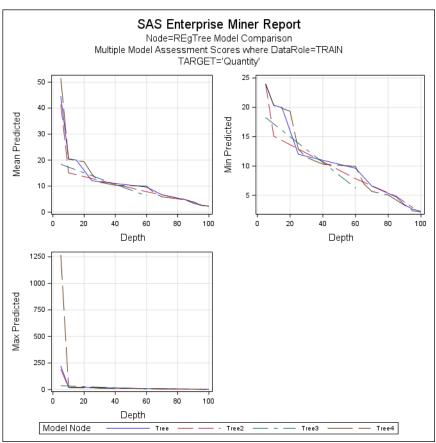
Node=REgTree Model Comparison Variable Summary

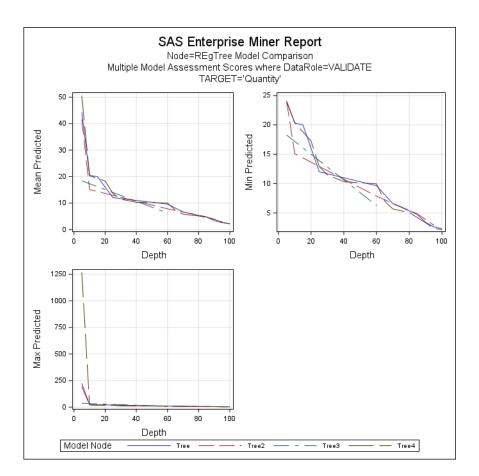
Role	Level	Frequency Count	Name
TARGET	INTERVAL	1	Quantity

Node=REgTree Model Comparison Fit Statistics Table

Selected Model	Predecessor Node	Model Node	Model Description	Target Variable	Target Label	Selection Criterion: Valid: Average Squared Error	Train: Average Squared Error
Υ	Tree4	Tree4	Reg Tree B3D6	Quantity	Quantity	1314.57	52825.93
	Tree	Tree	RegTree B2D6	Quantity	Quantity	1398.36	53042.72
	Tree2	Tree2	Reg Tree B2D4	Quantity	Quantity	1477.19	53132.92
	Tree3	Tree3	RegTree B2D2	Quantity	Quantity	1559.96	53223.09







Node=DATADIGGERSSCORE_TRAIN Summary

Node id = lds2 Node label = DATADIGGERSSCORE_TRAIN Meta path = lds2 Notes =

Node=DATADIGGERSSCORE_TRAIN Properties

Property	Value	Default	Property	Value	Default
Component	DataSource		DsCreatedBy	sboda	
ApplyIntervalLevelLowerLimit	Υ		Dsld	datadiggersscoretrain	
ApplyMaxClassLevels	Υ		DsModifiedBy	sboda	
ApplyMaxPercentMissing	Υ		DsModifyDate	2049725167.6	
CMeta	WORK.M389CTG7		DsSampleName		
ComputeStatistics	N		DsSampleSize		
DBPassThrough	Υ		DsSampleSizeType		
Data	BS.DATADIGGERSSCORE_TRAIN		DsScope	LOCAL	
DataSelection	DATASOURCE		IdentifyEmptyColumns	Υ	
DataSource	datadiggersscoretrain		IntervalLowerLimit	20	
DataSourceRole	RAW		Library	BS	
Description			MaxClassLevels	20	
DropMapVariables	Υ		MaxPercentMissing	50	
DsCreateDate	2049725167.5		MetaAdvisor	BASIC	

Property	Value	Default
NBytes	6423552	
NCols	8	
NObs	79585	
NewTable		
NewVariableRole	REJECT	
OutputType	VIEW	
Role	SCORE	TRAIN
Sample	D	
SampleSizeObs	10000	
SampleSizePercent	20	
SampleSizeType	PERCENT	
Scope	LOCAL	
Segment		
Table	DATADIGGERSSCORE_TRAIN	

Node=DATADIGGERSSCORE_TRAIN Data Attributes

Attribute	Value	Attribute	Value	Attribute	Value
Data Name	DATADIGGERSSCORE_TRAIN	Date Created	13Dec2024:16:04:27	Data Size	6423552
Data Type	DATA	Date Modified	13Dec2024:16:04:27	Role	RAW
Data Label		Number Rows	79585	Segment	
Engine	BASE	Number Columns	8	Data Library	BS

Node=DATADIGGERSSCORE_TRAIN Variables List

Name	Label	Role	Level	Туре	Length	Format	Creator
Country	Country	INPUT	NOMINAL	С	20	\$20.	
CustomerID	CustomerID	INPUT	INTERVAL	N	8	BEST.	
InvoiceDate	InvoiceDate	TIMEID	INTERVAL	N	8	DATETIME16.0	
InvoiceNo	InvoiceNo	INPUT	INTERVAL	N	8	BEST.	
Quantity	Quantity	INPUT	INTERVAL	N	8	BEST.	
StockCode	StockCode	INPUT	NOMINAL	С	12	\$12.	
UnitPrice	UnitPrice	INPUT	INTERVAL	N	8	BEST.	
dataobs	Observation Number	INPUT	INTERVAL	N	8		

Node=Predict Model Comparison Summary

Node id = MdlComp3 Node label = Predict Model Comparison Meta path = Ids => Part => Tree4 => MdlComp => MdlComp3 Notes =

Node=Predict Model Comparison Properties

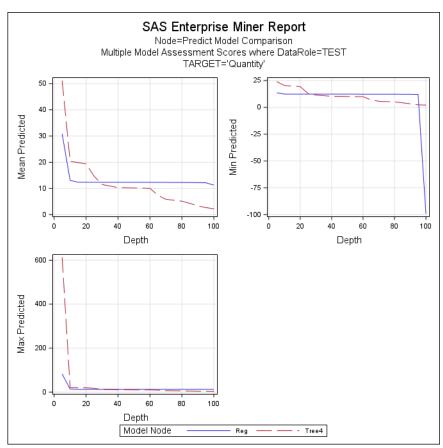
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	ModelCompare		NumberOfReportedLevels	1E-6		SelectionData	DEFAULT	
AssessAllTargetLevels	N		NumberofBins	20		SelectionDepth	10	
DecileBin	20		ProfitEpsilon	1E-6		SelectionTable	TRAIN	TABLE
HPCriteria	DEFAULT		RecomputeAssess	N		StatisticUsed	_VASE_	
LiftEpsilon	1E-6		RocChart	Υ		TargetLabel	Quantity	
ModelCriteria	Valid: Average Squared Error		RocEpsilon	0.01		TargetName	Quantity	
ModelDescription	Reg Tree B3D6		RoiEpsilon	1E-6		classViyaCriteria	DEFAULT	
Modelld	Tree4		ScoreDistBin	20		intervalViyaCriteria	DEFAULT	
NormalizeReportingVariables	Υ		SelectionCriteria	DEFAULT				

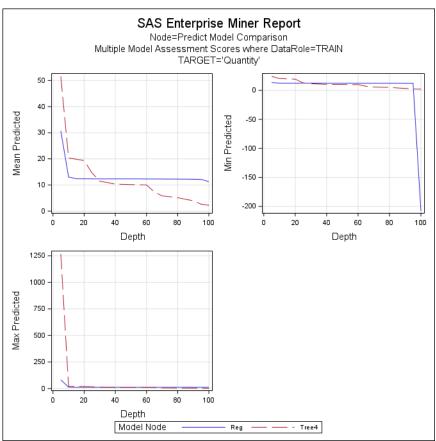
Node=Predict Model Comparison Variable Summary

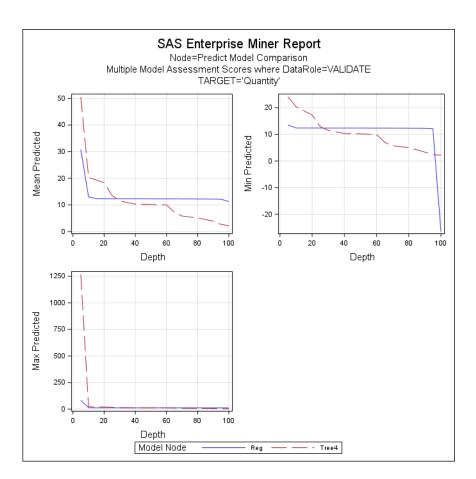
Role	Level	Frequency Count	Name
TARGET	INTERVAL	1	Quantity

Node=Predict Model Comparison Fit Statistics Table

Selected Model	Predecessor Node	Model Node	Model Description	Target Variable	Target Label	Selection Criterion: Valid: Average Squared Error	Train: Average Squared Error
Υ	MdlComp	Tree4	Reg Tree B3D6	Quantity	Quantity	1314.57	52825.93
	MdlComp2	Reg	Exhaustive Regression	Quantity	Quantity	1535.19	53212.18







Node=Score Summary

Node id = Score Node label = Score Meta path = Ids => Part => Tree4 => MdlComp => MdlComp3 => Score Notes =

Node=Score Properties

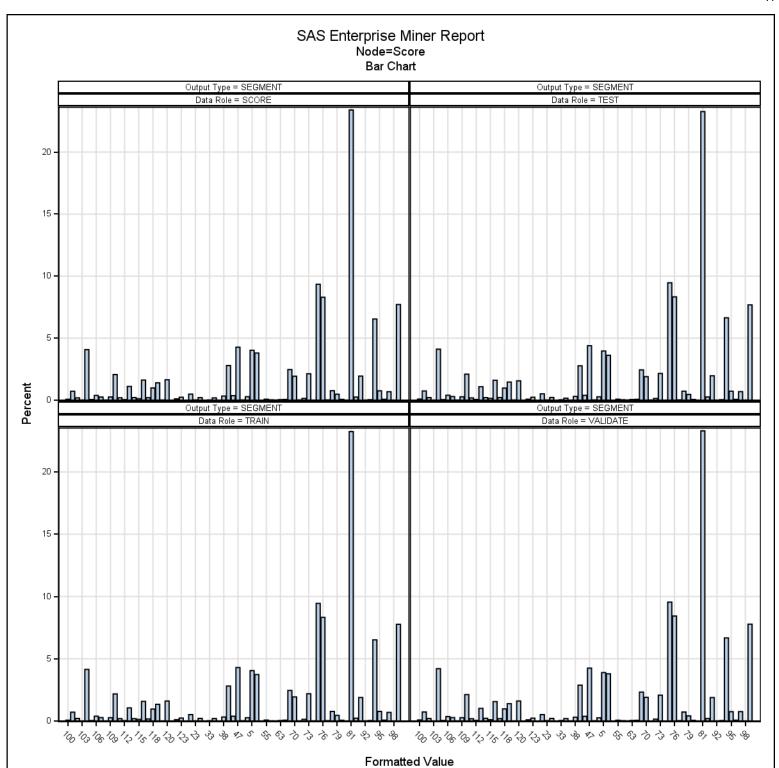
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Score		HideInput	Υ		JScore	N	
CScore	N		HideOther	Υ		OptimizedCode	Υ	
FixedOutputNames	Υ		HidePredict	Υ		OutputType	VIEW	
GraphReports	Υ		HideRejected	Υ		PackageName	DEFAULT	
HideAssess	Υ		HideResidual	Υ		PreferenceName		
HideClassification	Υ		HideTarget	Υ		ScoreTest	N	
HideFreq	Υ		HideVariables	N		ScoreValidate	N	

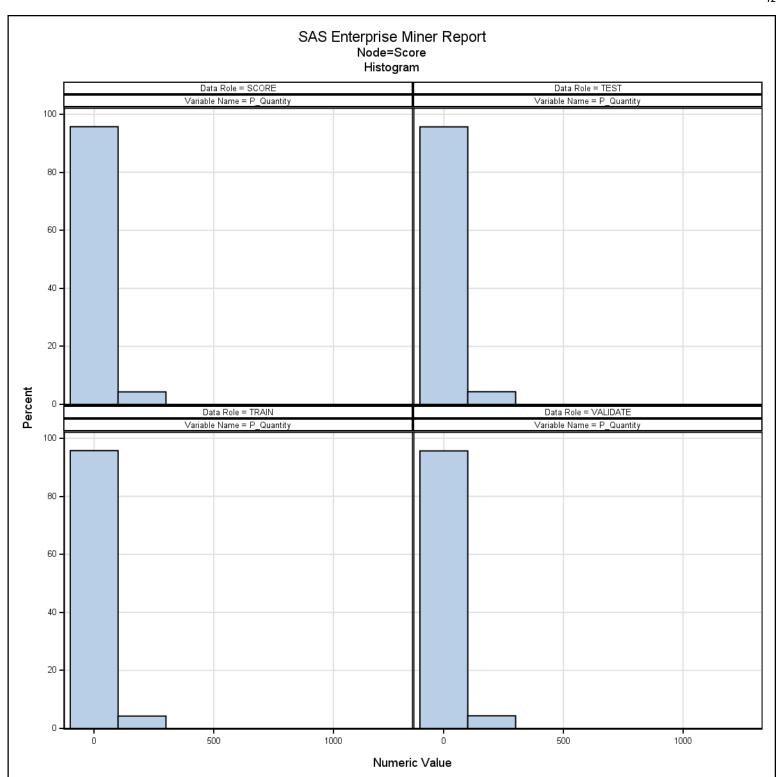
Node=Score Variable Summary

Role	Level	Frequency Count	Name
TARGET	INTERVAL	1	Quantity
SEGMENT	NOMINAL	1	_NODE_

Node=Score Output Variables

Variable Name	Creator	Variable Label	Function	Туре
EM_PREDICTION	Score	Prediction for Quantity	PREDICT	N
EM_SEGMENT	Score	Node	TRANSFORM	N
P_Quantity	Tree4	Predicted: Quantity	PREDICT	N
V_Quantity	Tree4	Validated: Quantity	PREDICT	N
NODE	Tree4	Node	TRANSFORM	N
WARN	Tree4	Warnings	ASSESS	С





Node=Save Data Summary

Node id = EMSave Node label = Save Data Meta path = lds => Part => Tree4 => MdlComp => MdlComp3 => Score => EMSave Notes =

Node=Save Data Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	EMSave		Name	Prediction.Scored		Train	Υ	
AllObs	Υ		OutObs	1000		Transaction	Υ	
AllRoles	Υ		Replace	Υ		Туре	XLSX	SAS7DBAT
DirectorySelector	\\uisnutvdiprof1a\redirected\$\sboda\Documents\data diggers		Score	Υ		Validate	Υ	
Lib			Test	Υ				

Node=Save Data Variable Summary

Role	Level	Frequency Count	Name
INPUT	INTERVAL	1	UnitPrice
INPUT	NOMINAL	1	Country

Node=Save Data Data

Output Location	Total Observations	Saved Observations	Number of Variables
\\uisnutvdiprof1a\redirected\$\sboda\Documents\data diggers\Prediction.Scored_TRAIN.xlsx	127336	MAX	17
\\uisnutvdiprof1a\redirected\$\sboda\Documents\data diggers\Prediction.Scored_VALIDATE.xlsx	95502	MAX	17
\\uisnutvdiprof1a\redirected\$\sboda\Documents\data diggers\Prediction.Scored_TEST.xlsx	95501	MAX	17
\\uisnutvdiprof1a\redirected\$\sboda\Documents\data diggers\Prediction.Scored_SCORE.xlsx	79585	MAX	14

End of Report