

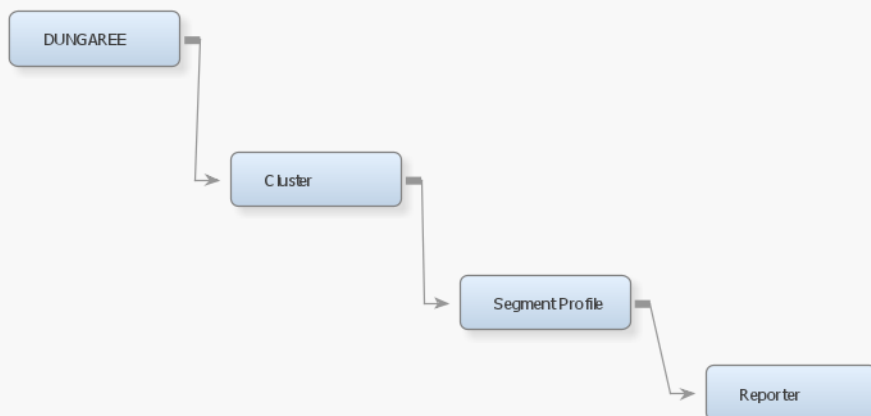
SAS Enterprise Miner Report

User = u63340697
Date = 19:43:56 27 August 2023
Project = Prac#4_
Diagram = Prac4

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

Format = PDF
Style = LISTING

SAS Enterprise Miner Report Process Flow Diagram



SAS Enterprise Miner Report

Node=DUNGAREE Summary

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

Node=DUNGAREE Properties

| Property | Value | Default | Property | Value | Default | Property | Value | Default |
|------------------------------|---------------|---------|----------------------|------------|---------|-------------------|----------|---------|
| Component | DataSource | | DsCreatedBy | u63340697 | | NBytes | 132096 | . |
| ApplyIntervalLevelLowerLimit | Y | | DsId | dungaree | | NCols | 6 | . |
| ApplyMaxClassLevels | Y | | DsModifiedBy | u63340697 | | NObs | 689 | . |
| ApplyMaxPercentMissing | Y | | DsModifyDate | 2008783981 | | NewTable | | |
| CMeta | WORK.M0_C4ON7 | | DsSampleName | | | NewVariableRole | REJECT | |
| ComputeStatistics | N | | DsSampleSize | | | OutputType | VIEW | |
| DBPassThrough | Y | | DsSampleSizeType | | | Role | RAW | TRAIN |
| Data | AAEM.DUNGAREE | | DsScope | LOCAL | | Sample | D | |
| DataSelection | DATASOURCE | | IdentifyEmptyColumns | Y | | SampleSizeObs | 10000 | |
| DataSource | dungaree | | IntervalLowerLimit | 20 | | SampleSizePercent | 20 | |
| DataSourceRole | RAW | | Library | AAEM | | SampleSizeType | PERCENT | |
| Description | | | MaxClassLevels | 20 | | Scope | LOCAL | |
| DropMapVariables | Y | | MaxPercentMissing | 50 | | Segment | | |
| DsCreateDate | 2008783981 | | MetaAdvisor | BASIC | | Table | DUNGAREE | |

Node=DUNGAREE Data Attributes

| Attribute | Value | Attribute | Value | Attribute | Value |
|------------|----------|----------------|------------------------|--------------|--------|
| Data Name | DUNGAREE | Date Created | 02 April 2012 18:02:35 | Data Size | 132096 |
| Data Type | DATA | Date Modified | 02 April 2012 18:02:35 | Role | RAW |
| Data Label | | Number Rows | 689 | Segment | |
| Engine | BASE | Number Columns | 6 | Data Library | AAEM |

Node=DUNGAREE Variables List

| Name | Label | Role | Level | Type | Length | Format | Creator |
|----------|-------------------------------|----------|----------|------|--------|----------|---------|
| FASHION | | INPUT | INTERVAL | N | 8 | BEST12.0 | |
| LEISURE | | INPUT | INTERVAL | N | 8 | BEST12.0 | |
| ORIGINAL | | INPUT | INTERVAL | N | 8 | BEST12.0 | |
| SALESTOT | total pairs of dungarees sold | REJECTED | INTERVAL | N | 8 | BEST12.0 | |
| STOREID | | ID | NOMINAL | N | 8 | BEST12.0 | |
| STRETCH | | INPUT | INTERVAL | N | 8 | BEST12.0 | |

SAS Enterprise Miner Report

Node=Cluster Summary

Node id = Clus
Node label = Cluster
Meta path = Ids => Clus
Notes =

Node=Cluster Properties

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

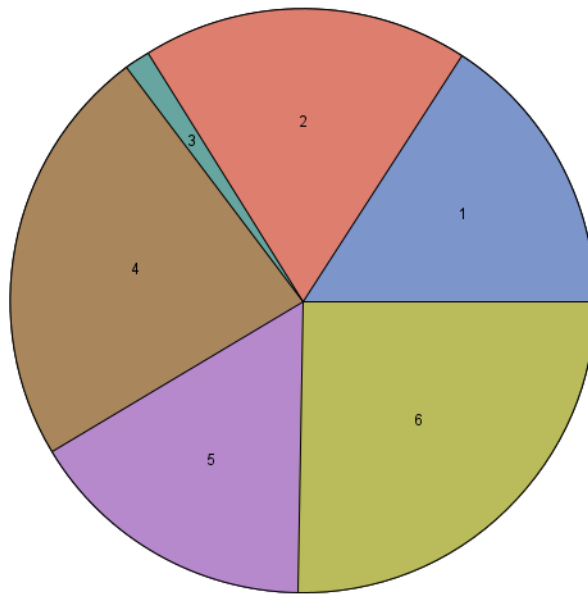
Node=Cluster Variable Summary

| Role | Level | Frequency Count | Name |
|-------|----------|-----------------|----------------------------------|
| INPUT | INTERVAL | 4 | FASHION LEISURE ORIGINAL STRETCH |
| ID | NOMINAL | 1 | STOREID |

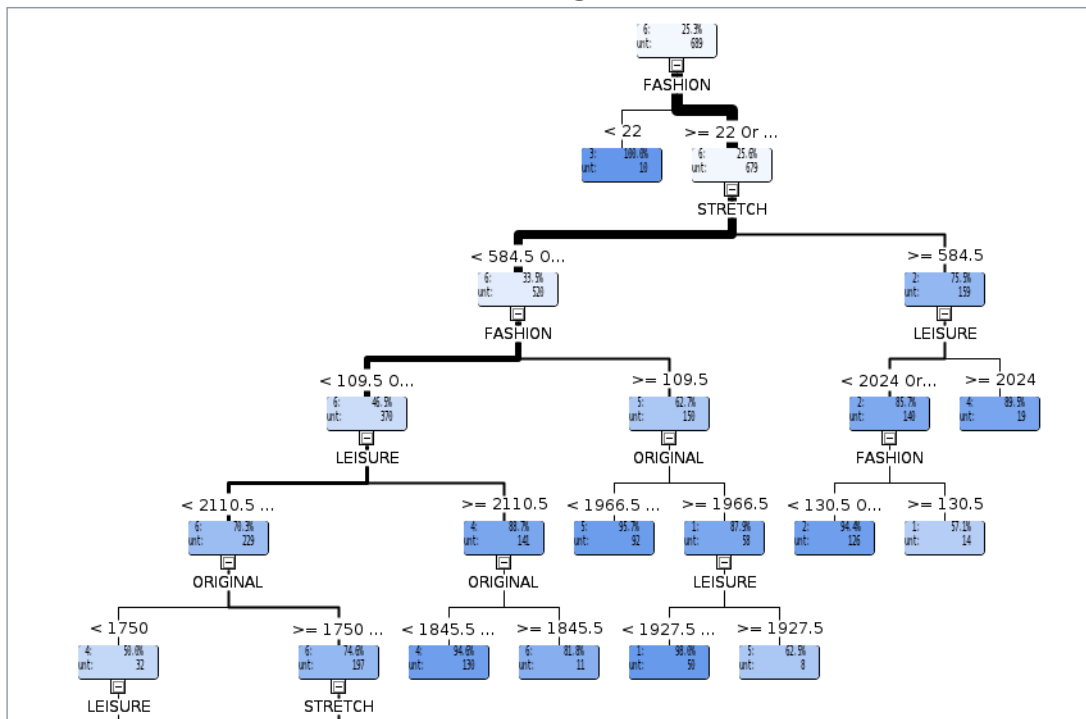
Node=Cluster Mean Statistics

| Variable | Segment 1 | Segment 2 | Segment 3 | Segment 4 | Segment 5 | Segment 6 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
| Clustering Criterion | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 | 0.63 |
| Maximum Relative Change in Cluster Seeds | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Improvement in Clustering Criterion | . | . | . | . | . | . |
| Frequency of Cluster | 110.00 | 124.00 | 10.00 | 160.00 | 111.00 | 174.00 |
| Root-Mean-Square Standard Deviation | 0.66 | 0.66 | 0.40 | 0.62 | 0.64 | 0.62 |
| Maximum Distance from Cluster Seed | 2.85 | 2.73 | 1.04 | 2.53 | 3.04 | 2.46 |
| Nearest Cluster | 6.00 | 1.00 | 6.00 | 6.00 | 4.00 | 1.00 |
| Distance to Nearest Cluster | 1.74 | 1.97 | 4.86 | 1.90 | 1.91 | 1.74 |
| FASHION | 117.55 | 82.80 | 4.20 | 78.12 | 133.38 | 74.86 |
| LEISURE | 1646.72 | 1639.17 | 840.00 | 2314.67 | 2080.33 | 1875.59 |
| ORIGINAL | 2183.05 | 1925.20 | 1039.60 | 1561.50 | 1731.05 | 1971.17 |
| STRETCH | 454.65 | 752.77 | 315.80 | 384.46 | 365.24 | 329.75 |

SAS Enterprise Miner Report
Node=Cluster
Segment Size



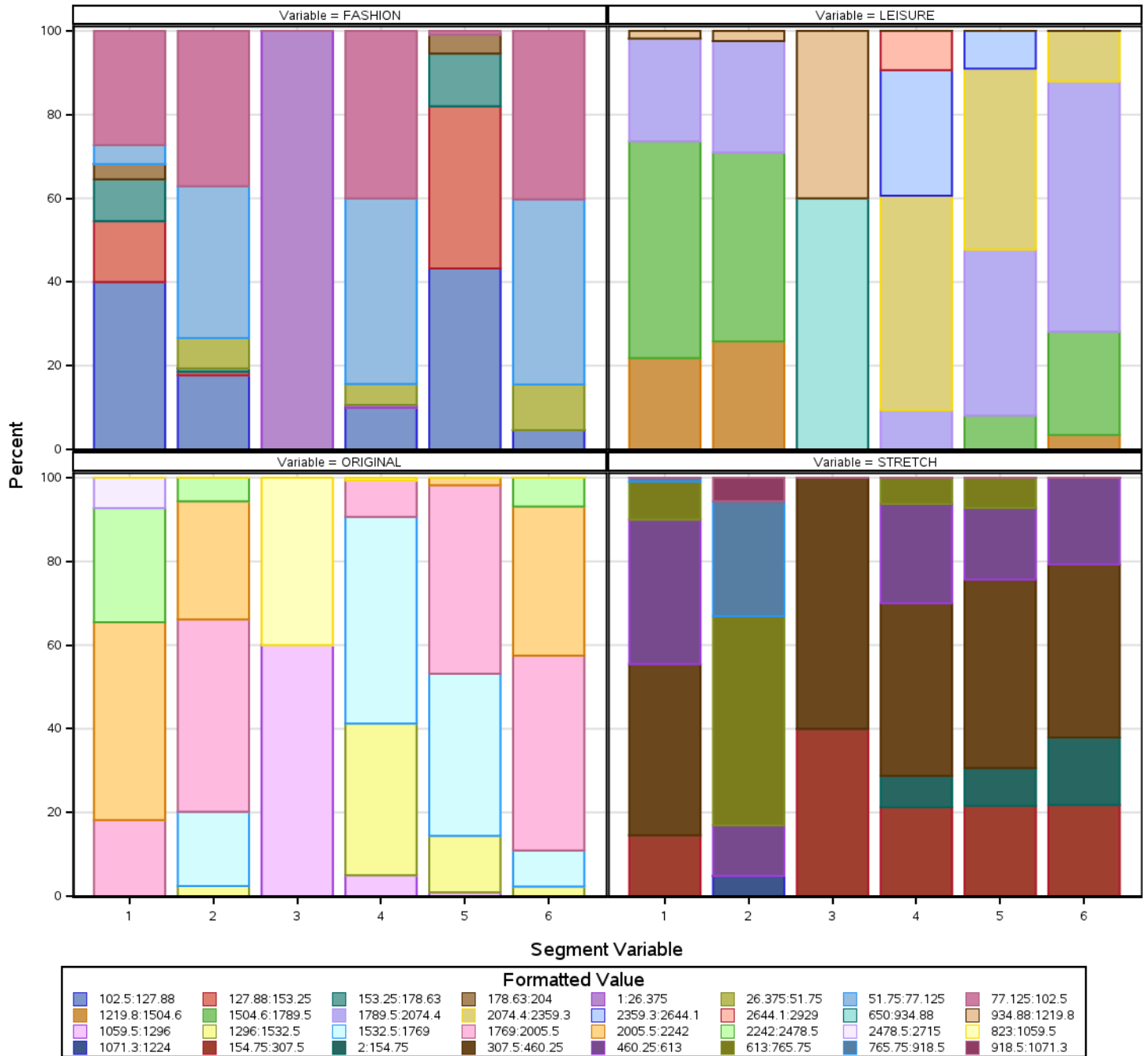
SAS Enterprise Miner Report
Node=Cluster
Tree Diagram



SAS Enterprise Miner Report

Node=Cluster

Segment Plot



SAS Enterprise Miner Report

Node=Segment Profile Summary

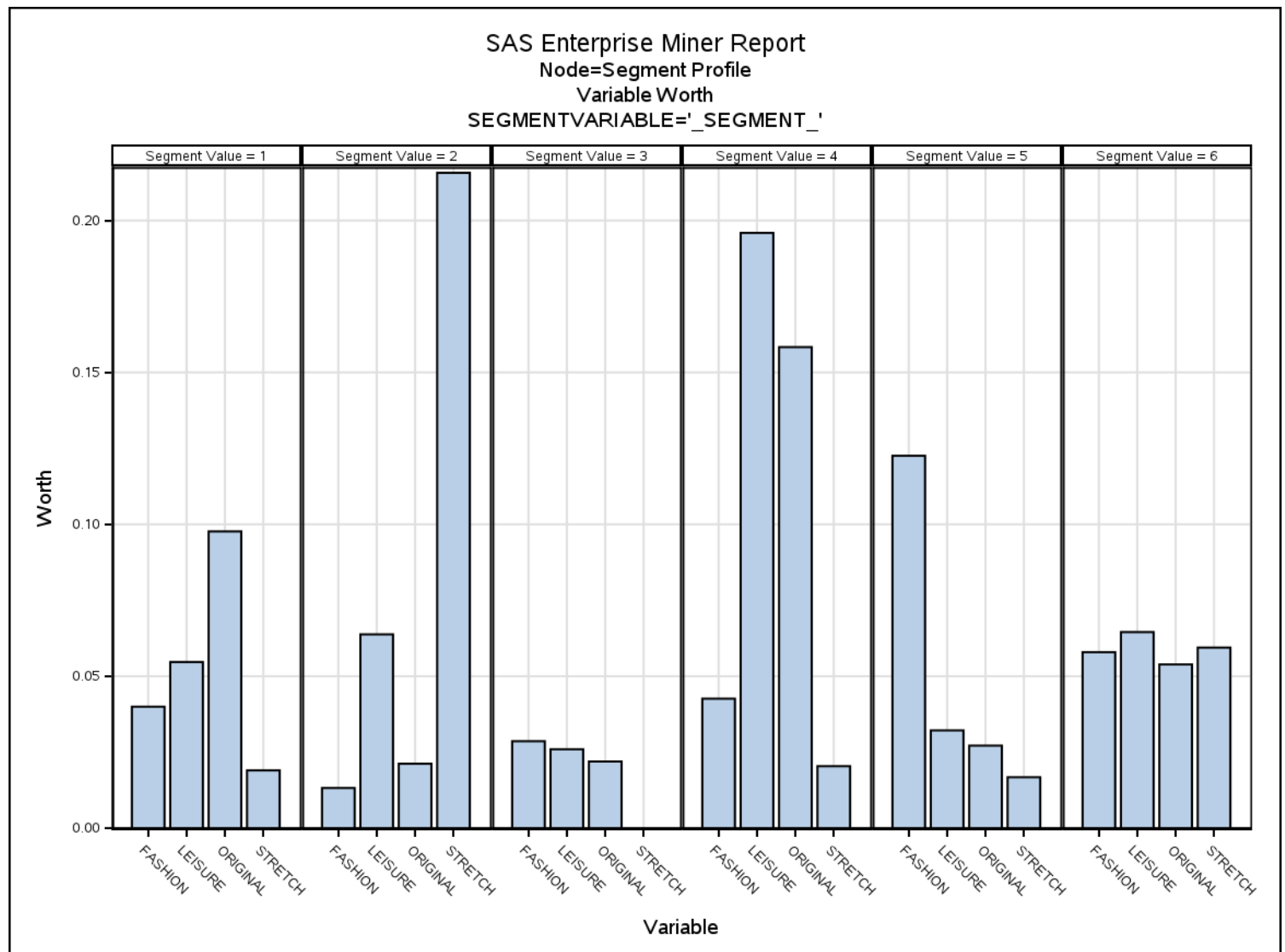
Node id = Prof
Node label = Segment Profile
Meta path = Ids => Clus => Prof
Notes =

Node=Segment Profile Properties

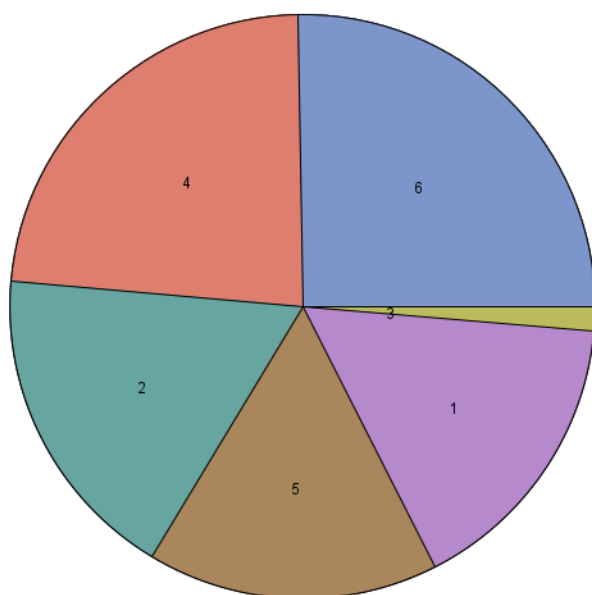
| Property | Value | Default | Property | Value | Default | Property | Value | Default |
|--------------|---------|---------|--------------------|-------|---------|---------------|-------|---------|
| Component | Profile | | MinWorth | 0.01 | | ProfileAll | N | |
| MaxDepth | 1 | | NumHistBars | 8 | | TargetRole | NONE | |
| MaxNumInput | 10 | | OtherPercentCutOff | 95 | | UseReportVars | Y | |
| MaxNumReport | 10 | | PrintWorth | Y | | | | |

Node=Segment Profile Variable Summary

| Role | Level | Frequency Count | Name |
|-------|----------|-----------------|----------------------------------|
| INPUT | INTERVAL | 4 | FASHION LEISURE ORIGINAL STRETCH |



SAS Enterprise Miner Report
Node=Segment Profile
Segment Size



SAS Enterprise Miner Report

Node=Reporter Summary

Node id = Report
Node label = Reporter
Meta path =
Notes =

Node=Reporter Properties

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

End of Report