

Milestone 4

Interpretation of Data

ZULKANAIN BIN HASAN

WQD180031

Import data source STOCK and REPLACEMENT node to diagram

The screenshot displays the SAS Enterprise Miner interface. On the left, a tree view shows the project structure: 'data mining stock' > 'Diagrams' > 'Predictive Analysis 2'. Below this, a properties table for 'Predictive Analysis 2' is visible.

| Property | Value |
|---------------------|--------------------------|
| ID | EMWS3 |
| Name | Predictive Analysis 2 |
| Status | Open |
| Notes | |
| History | |
| Create Date | 11/14/19 12:23 PM |
| Encoding | utf-8 Unicode (UTF-8) |
| Data Representation | SOLARIS_X86_64, LINUX_X8 |
| Native OS | Yes |

The main workspace shows a diagram titled 'Predictive Analysis 2'. It contains two nodes: 'stock' (a data source icon) and 'Replacement' (a process icon). An arrow points from 'stock' to 'Replacement'. Both nodes and the connecting arrow are circled in red. The bottom status bar indicates 'Diagram Predictive Analysis 2 opened' and 'Connected to SASApp - Logical Workspace Server (odaws01-apse1.oda.sas.com)'.

Change:

1. Default Limits Method to None
2. Replacement Values to Missing

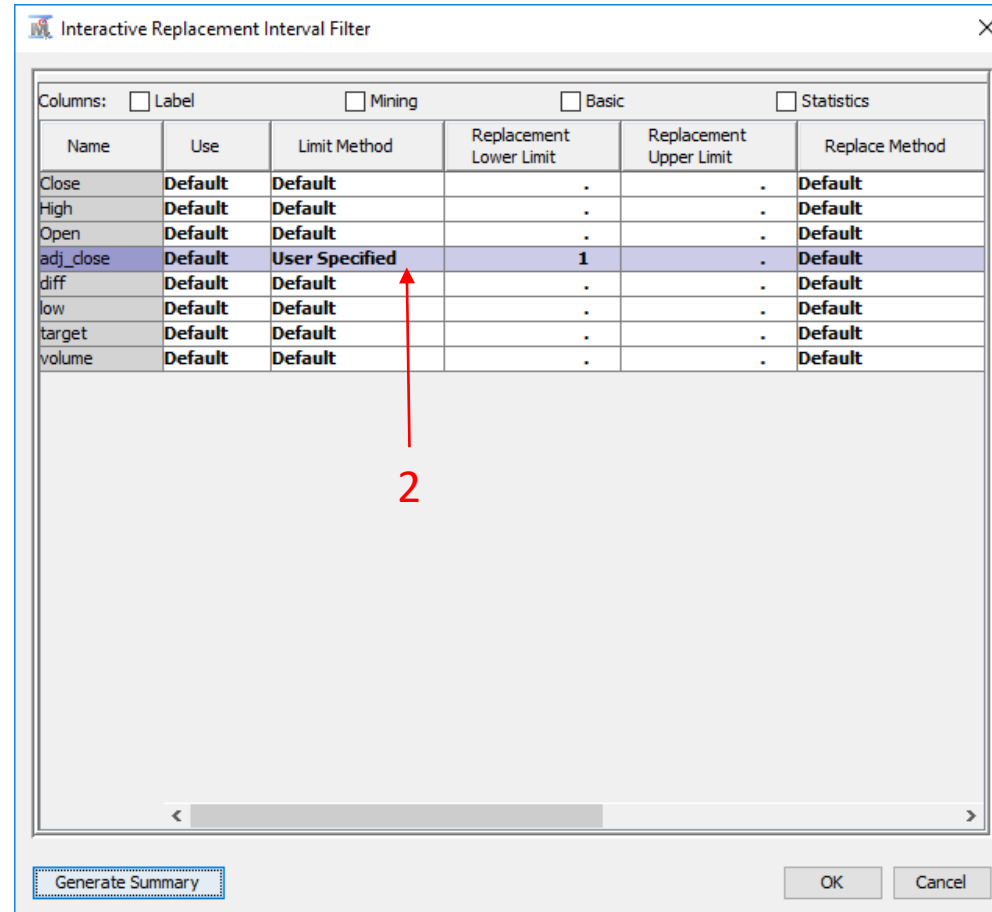
The screenshot displays the SAS Enterprise Miner interface. On the left, a tree view shows the project structure: 'data mining stock' containing 'Data Sources', 'Diagrams', 'predictive analysis', 'Predictive Analysis 2', and 'Model Packages'. Below this, a property window for 'Predictive Analysis 2' is open, showing various settings. The 'Train' section includes 'Interval Variables', 'Replacement Editor', 'Default Limits Method' (set to 'None'), and 'Cutoff Values'. The 'Score' section includes 'Replacement Values' (set to 'Missing') and 'Hide'. The 'Report' section includes 'Replacement Report' (set to 'Yes'). The 'Status' section includes 'Create Time' (11/14/19 12:26 PM), 'Run ID', 'Last Error', 'Last Status', and 'Last Run Time'. The 'Default Limits Method' section includes a description: 'Specifies the default method to determine the range limits for interval variables.' On the right, a diagram titled 'Predictive Analysis 2' shows a flow from a 'stock' data source to a 'Replacement' model. Two red arrows point to the 'stock' and 'Replacement' nodes, labeled '1' and '2' respectively. The bottom status bar shows 'Diagram Predictive Analysis 2 opened' and 'Connected to SASApp - Logical Workspace Server (odaws01-apse1.oda.sas.com)'.

| Property | Value |
|-----------------------|-------------------|
| Notes | |
| Train | |
| Interval Variables | |
| Replacement Editor | |
| Default Limits Method | None |
| Cutoff Values | |
| Score | |
| Replacement Values | Missing |
| Hide | No |
| Report | |
| Replacement Report | Yes |
| Status | |
| Create Time | 11/14/19 12:26 PM |
| Run ID | |
| Last Error | |
| Last Status | |
| Last Run Time | |

Diagram Predictive Analysis 2 opened

Connected to SASApp - Logical Workspace Server (odaws01-apse1.oda.sas.com)

1. Open Replacement Editor for Interval Variables
2. Set adj_close to User Specified at set 1 for it Replacement Lower Limit



Interactive Replacement Interval Filter

Columns: ☐ Label ☐ Mining ☐ Basic ☐ Statistics

| Name | Use | Limit Method | Replacement Lower Limit | Replacement Upper Limit | Replace Method |
|-----------|---------|----------------|-------------------------|-------------------------|----------------|
| Close | Default | Default | . | . | Default |
| High | Default | Default | . | . | Default |
| Open | Default | Default | . | . | Default |
| adj_close | Default | User Specified | 1 | . | Default |
| diff | Default | Default | . | . | Default |
| low | Default | Default | . | . | Default |
| target | Default | Default | . | . | Default |
| volume | Default | Default | . | . | Default |

2

Generate Summary OK Cancel

1. Run the REPLACEMENT node and view the results.
2. Result shows 8301 have been Train

Results - Node: Replacement Diagram: Predictive Analysis 2

File Edit View Window

Total Replacement Counts

| Variable | Label | Role | Train |
|-----------|-----------|-------|-------|
| adj_close | adj_close | INPUT | 8301 |

Output

```
1 *-----*
2 User:          u35818613
3 Date:          November 22, 2019
4 Time:          10:06:46
5 *-----*
6 * Training Output
7 *-----*
8
9
10
11
12 Variable Summary
13
14      Measurement  Frequency
15 Role            Level    Count
16
17 INPUT           INTERVAL    7
18 DETECTED        NOMINAL     2
```

Interval Variables

| Variable | Replace Variable | Lower limit | Upper Limit | Label | Limits Method | Replacement Method | Lower Replacement Value | Upper Replacement Value |
|-----------|------------------|-------------|-------------|------------|---------------|--------------------|-------------------------|-------------------------|
| adj_close | REP_adj_close | | 1 | .adj_close | MANUAL | MISSING | | |

1. Go back to Diagram and select REPLACEMENT node
2. Open Exported Data in General
3. Select TRAIN and Explore

The screenshot displays the SAS Enterprise Miner interface. On the left, the 'Diagram' pane shows a workflow with a 'stock' node connected to a 'Replacement' node. The 'Replacement' node is selected, and its properties are visible in the 'Property' pane on the left. The 'General' tab is active, showing details like Node ID (Repl), Imported Data, Exported Data, and Notes. The 'Train' tab is also visible, showing settings for Interval Variables, Replacement Editor, Default Limits Method, Cutoff Values, Class Variables, Replacement Editor, Unknown Levels, Score, Replacement Values, Hide, Report, Replacement Report, Status, and Create Time.

In the center, the 'Exported Data - Replacement' dialog box is open, displaying a table of exported data. The table has four columns: Port, Table, Role, and Data Exists. The 'TRAIN' row is highlighted, and the 'Explore...' button is clicked.

Red arrows indicate the following steps:

- 1. Select the 'Replacement' node in the diagram.
- 2. Open the 'Exported Data' dialog box for the 'Replacement' node.
- 3. Select the 'TRAIN' row in the 'Exported Data' table.
- 4. Click the 'Explore...' button.

| Port | Table | Role | Data Exists |
|-------------|------------------------|-------------|-------------|
| TRAIN | EMWS3.Repl_TRAIN | Train | Yes |
| VALIDATE | EMWS3.Repl_VALIDATE | Validate | No |
| TEST | EMWS3.Repl_TEST | Test | No |
| SCORE | EMWS3.Repl_SCORE | Score | No |
| TRANSACTION | EMWS3.Repl_TRANSACTION | Transaction | No |

1. TRAIN table shows Replacement have been done to adj_close as per data table
2. Dot (.) indicates a missing value

The screenshot shows a software interface for exploring the EMWS3.Repl_TRAIN dataset. It includes a 'Sample Properties' panel on the left, a 'Sample Statistics' panel on the right, and a main data table at the bottom. A red arrow points to a missing value (represented by a dot) in the 'Replacement: adj_close' column of the data table.

Sample Properties

| Property | Value |
|---------------|------------|
| Rows | Unknown |
| Columns | 12 |
| Library | EMWS3 |
| Member | REPL_TRAIN |
| Type | VIEW |
| Sample Method | Top |
| Fetch Size | Default |
| Fetch Rows | 6000 |
| Random Seed | 12345 |

Sample Statistics

| Obs # | Variable ... | Label | Type | Percent ... | Minimum | Maximum | Mean | Number c |
|-------|---------------|--------------|-------|-------------|---------|----------|----------|----------|
| 1 | Stock_ | Stock. | CLASS | 0 | | | | .128+ |
| 2 | counter | | CLASS | 0 | | | | .128+ |
| 3 | Close | | VAR | 1.433333 | 0.025 | 103.2 | 3.534263 | |
| 4 | Dates | | VAR | 0 | 21154 | 21182 | 21168.75 | |
| 5 | High | | VAR | 1.433333 | 0.025 | 103.2 | 3.556112 | |
| 6 | Open | | VAR | 1.433333 | 0.025 | 102.4 | 3.52591 | |
| 7 | REP_adj_cl... | Replaceme... | VAR | 46.43333 | 1 | 103.2 | 6.100957 | |
| 8 | adj_close | | VAR | 1.433333 | 0.025 | 103.2 | 3.529191 | |
| 9 | diff | | VAR | 1.433333 | -2.94 | 3.800003 | 0.008353 | |
| 10 | low | | VAR | 1.433333 | 0.025 | 102 | 3.502488 | |
| 11 | target | | VAR | 1.433333 | -2 | 4 | 0.307744 | |
| 12 | volume | | VAR | 1.433333 | 0 | 2.6847E8 | 1676667 | |

EMWS3.Repl_TRAIN

| Ob... | Dates | counter | High | low | Open | Close | volume | adj_close | diff | target | Stock. | Replacement: adj_close |
|-------|--------------------|---------|-------------|-------------|-------------|-------------|---------|--------------|--------------|--------|---------|------------------------|
| 19 | 12/27/2017 0002.KL | | 1.700000048 | 1.700000048 | 1.700000048 | 1.700000048 | 0 | 1.661448956 | 0 | 0 | 0KOTRA | 1.661449 |
| 20 | 12/28/2017 0002.KL | | 1.720000029 | 1.710000038 | 1.720000029 | 1.710000038 | 6000 | 1.671222221 | -0.009999991 | 0 | 0KOTRA | 1.671222 |
| 21 | 12/29/2017 0002.KL | | 1.799999952 | 1.679999948 | 1.679999948 | 1.799999952 | 6000 | 1.7799999852 | 0.120000004 | 0 | 1KOTRA | 1.78 |
| 22 | 12/01/2017 0008.KL | | 1.009999999 | 1.009999999 | 1.009999999 | 1.009999999 | 0 | 1.009999999 | 0 | 0 | 0WILLOW | 1.01 |
| 23 | 12/04/2017 0008.KL | | 1.009999999 | 1 | 1.009999999 | 1 | 112100 | 1 | -0.009999999 | 0 | 0WILLOW | 1 |
| 24 | 12/05/2017 0008.KL | | 0.990000001 | 0.985000014 | 0.990000001 | 0.990000001 | 78600 | 0.990000001 | 0 | 0 | 0WILLOW | |
| 25 | 12/06/2017 0008.KL | | 1.009999999 | 0.985000014 | 0.990000001 | 0.995000005 | 81400 | 0.995000005 | 0.004999995 | 0 | 1WILLOW | |
| 26 | 12/07/2017 0008.KL | | 1.019999981 | 1 | 1 | 1.019999981 | 40200 | 1.019999981 | 0.019999981 | 0 | 1WILLOW | 1.02 |
| 27 | 12/08/2017 0008.KL | | 1.019999981 | 1.009999999 | 1.009999999 | 1.009999999 | 84700 | 1.009999999 | 0 | 0 | 0WILLOW | 1.01 |
| 28 | 12/11/2017 0008.KL | | 1 | 0.990000001 | 0.990000001 | 0.995000005 | 14700 | 0.995000005 | 0.004999995 | 0 | 1WILLOW | |
| 29 | 12/12/2017 0008.KL | | 1.059999943 | 1 | 1 | 1.059999943 | 270200 | 1.059999943 | 0.059999943 | 0 | 1WILLOW | 1.06 |
| 30 | 12/13/2017 0008.KL | | 1.059999943 | 1.019999981 | 1.059999943 | 1.019999981 | 70100 | 1.019999981 | -0.039999962 | 0 | 0WILLOW | 1.02 |
| 31 | 12/14/2017 0008.KL | | 1.049999952 | 1.029999971 | 1.029999971 | 1.029999971 | 32100 | 1.029999971 | 0 | 0 | 0WILLOW | 1.03 |
| 32 | 12/15/2017 0008.KL | | 1.139999986 | 1.070000052 | 1.070000052 | 1.139999986 | 1179300 | 1.139999986 | 0.069999934 | 0 | 1WILLOW | 1.14 |
| 33 | 12/18/2017 0008.KL | | 1.200000048 | 1.139999986 | 1.149999976 | 1.139999986 | 1617700 | 1.139999986 | -0.009999999 | 0 | 0WILLOW | 1.14 |
| 34 | 12/19/2017 0008.KL | | 1.179999948 | 1.139999986 | 1.139999986 | 1.179999948 | 179900 | 1.179999948 | 0.039999962 | 0 | 1WILLOW | 1.18 |
| 35 | 12/20/2017 0008.KL | | 1.190000057 | 1.169999957 | 1.179999948 | 1.190000057 | 250600 | 1.190000057 | 0.010000109 | 0 | 1WILLOW | 1.19 |

1. Open Sample and add DATA PARTITION node to diagram
2. Select DATA PARTITION node
3. Change Data Set Allocations Training to 50 and Validation to 50

The screenshot displays the SAS Enterprise Miner interface. The main workspace shows a workflow diagram with three nodes: 'stock', 'Replacement', and 'Data Partition', connected sequentially. Red arrows indicate the steps: arrow 1 points to the 'Sample' menu, arrow 2 points to the 'Data Partition' node, and arrow 3 points to the 'Data Set Allocations' section in the properties pane.

Enterprise Miner - data mining stock

File Edit View Actions Options Window Help

data mining stock

- Data Sources
- Diagrams
 - predictive analysis
 - Predictive Analysis 2
- Model Packages

Sample Explore Modify Model Assess Utility Credit Scoring HPDM Applications Text Mining Time Series

Predictive Analysis 2

stock → Replacement → Data Partition

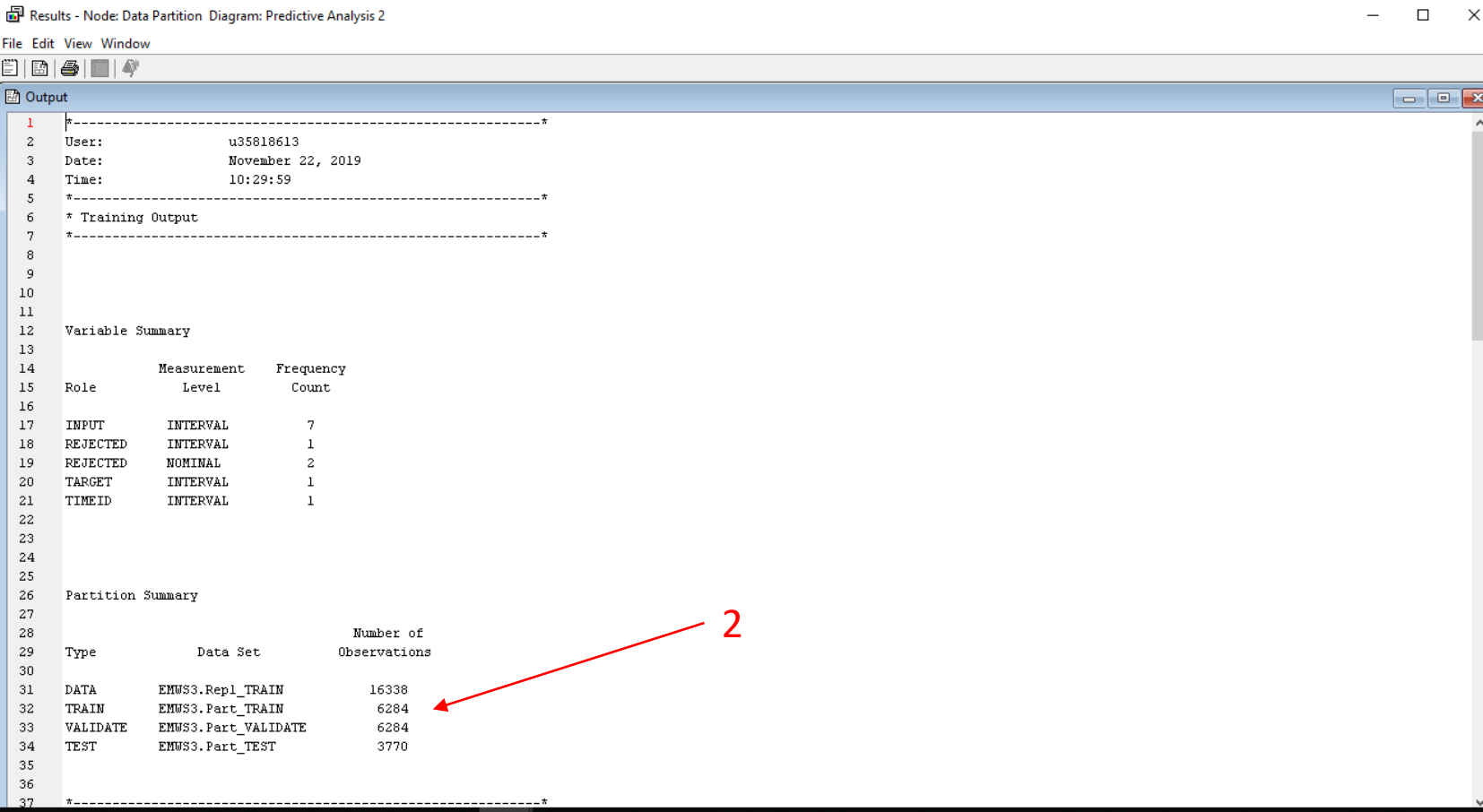
Property Value

| General | |
|---|-------------------|
| Node ID | Part |
| Imported Data | |
| Exported Data | |
| Notes | |
| Train | |
| Variables | |
| Output Type | Data |
| Partitioning Method | Default |
| Random Seed | 12345 |
| Data Set Allocations | |
| Training | 50.0 |
| Validation | 50.0 |
| Test | 30.0 |
| Report | |
| Interval Targets | Yes |
| Class Targets | Yes |
| Status | |
| Create Time | 11/22/19 10:24 AM |
| Run ID | |
| Validation | |
| Specifies the allocation to the validation data set. The default value is 30 percent. | |

Run completed

wqd180031@siswa.um.edu.my as u35818613 Connected to SASApp - Logical Workspace Server (odaws01-apse1.oda.sas.com)

1. Run DATA PARTITION node and view the results
2. Results shows TRAIN and VALIDATE are divide equally 50:50



Results - Node: Data Partition Diagram: Predictive Analysis 2

File Edit View Window

Output

```
1 *-----*
2 User:          u35818613
3 Date:          November 22, 2019
4 Time:          10:29:59
5 *-----*
6 * Training Output
7 *-----*
8
9
10
11
12 Variable Summary
13
14      Measurement      Frequency
15 Role      Level      Count
16
17 INPUT      INTERVAL      7
18 REJECTED   INTERVAL      1
19 REJECTED   NOMINAL        2
20 TARGET     INTERVAL      1
21 TIMEID     INTERVAL      1
22
23
24
25
26 Partition Summary
27
28      Number of
29 Type      Data Set      Observations
30
31 DATA      EMWS3.Repl_TRAIN      16338
32 TRAIN      EMWS3.Part_TRAIN      6284
33 VALIDATE   EMWS3.Part_VALIDATE   6284
34 TEST       EMWS3.Part_TEST       3770
35
36
37 *-----*
```

| Type | Data Set | Number of Observations |
|----------|---------------------|------------------------|
| DATA | EMWS3.Repl_TRAIN | 16338 |
| TRAIN | EMWS3.Part_TRAIN | 6284 |
| VALIDATE | EMWS3.Part_VALIDATE | 6284 |
| TEST | EMWS3.Part_TEST | 3770 |

1. Open Model and add DECISION TREE node to diagram
2. Select DECISION TREE node
3. Open Interactive at Train
4. Interactive Decision Tree will show its properties

The screenshot displays the SAS Enterprise Miner interface. The main workspace shows a workflow diagram with four nodes: 'stock', 'Replacement', 'Data Partition', and 'Decision Tree'. Red arrows indicate the steps: 1 points to the 'Model' menu, 2 points to the 'Decision Tree' node, 3 points to the 'Interactive' checkbox in the 'Train' section of the properties pane, and 4 points to the 'Statistics' table in the 'Interactive Decision Tree' window.

Enterprise Miner - data mining stock

File Edit View Actions Options Window Help

data mining stock

- Data Sources
- Diagrams
 - predictive analysis
 - Predictive Analysis 2
- Model Packages

Property Value

| Property | Value |
|---------------------------|-------------------------------------|
| General | |
| Node ID | Tree |
| Imported Data | ... |
| Exported Data | ... |
| Notes | ... |
| Train | |
| Variables | ... |
| Interactive | <input checked="" type="checkbox"/> |
| Import Tree Model | No |
| Tree Model Data Set | ... |
| Use Frozen Tree | No |
| Use Multiple Targets | No |
| Splitting Rule | |
| Interval Target Criterion | ProbF |
| Nominal Target Criterion | ProbChisq |
| Ordinal Target Criterion | Entropy |
| Significance Level | 0.2 |
| Missing Values | Use in search |
| Use Input Once | No |
| Maximum Branch | 2 |

General

General Properties

Run completed

Predictive Analysis 2

Sample Explore Modify Model Assess Utility Credit Scoring HPDM Applications Text Mining Time Series

stock → Replacement → Data Partition → Decision Tree

Interactive Decision Tree - EMWS3.TREE_BROWSER[EMWS3.PART_TRAIN]

File Edit View Action Window

Tree View

| Statistics | Train | Validation |
|------------|--------|------------|
| Average: | 0.2838 | 0.2714 |
| Count: | 6145 | 6138 |

1. Open Split Node 1 by right-click purple box
2. Diff variable shows the highest logworth

The screenshot shows the 'Interactive Decision Tree' software interface. The 'Tree View' on the left displays a purple box with the following statistics:

| Statistics | Train | Validation |
|------------|--------|------------|
| Average: | 0.2838 | 0.2714 |
| Count: | 6145 | 6138 |

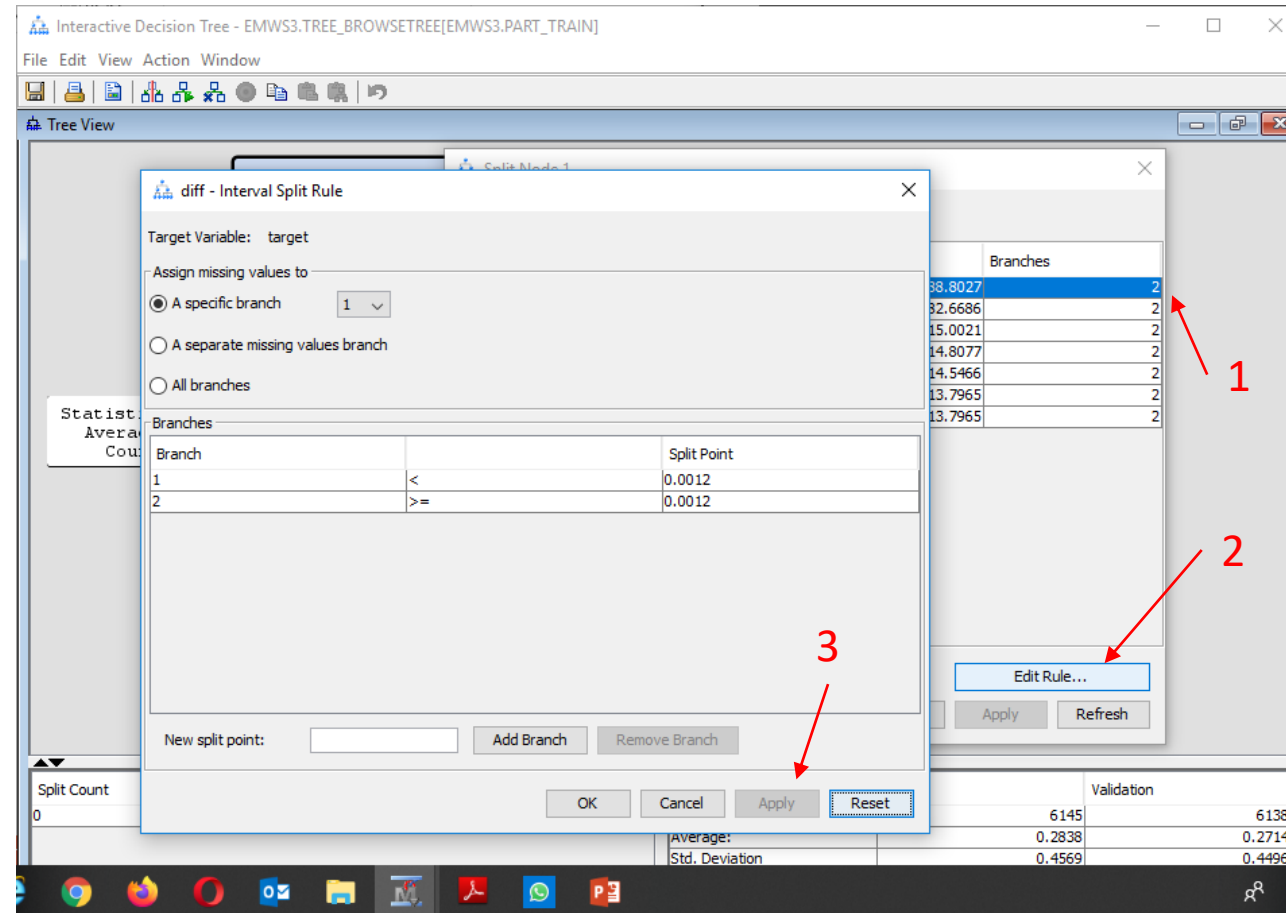
A red arrow labeled '1' points to this purple box. The 'Split Node 1' dialog box is open, showing the 'Target Variable: target'. It contains a table of variables and their corresponding -Log(p) values:

| Variable | Variable Description | -Log(p) | Branches |
|---------------|------------------------|-----------|----------|
| diff | diff | 5488.7792 | 2 |
| volume | volume | 182.6686 | 2 |
| Close | Close | 15.0021 | 2 |
| REP_adj_close | Replacement: adj_close | 14.8077 | 2 |
| High | High | 14.5466 | 2 |
| Open | Open | 13.7965 | 2 |
| low | low | 13.7965 | 2 |

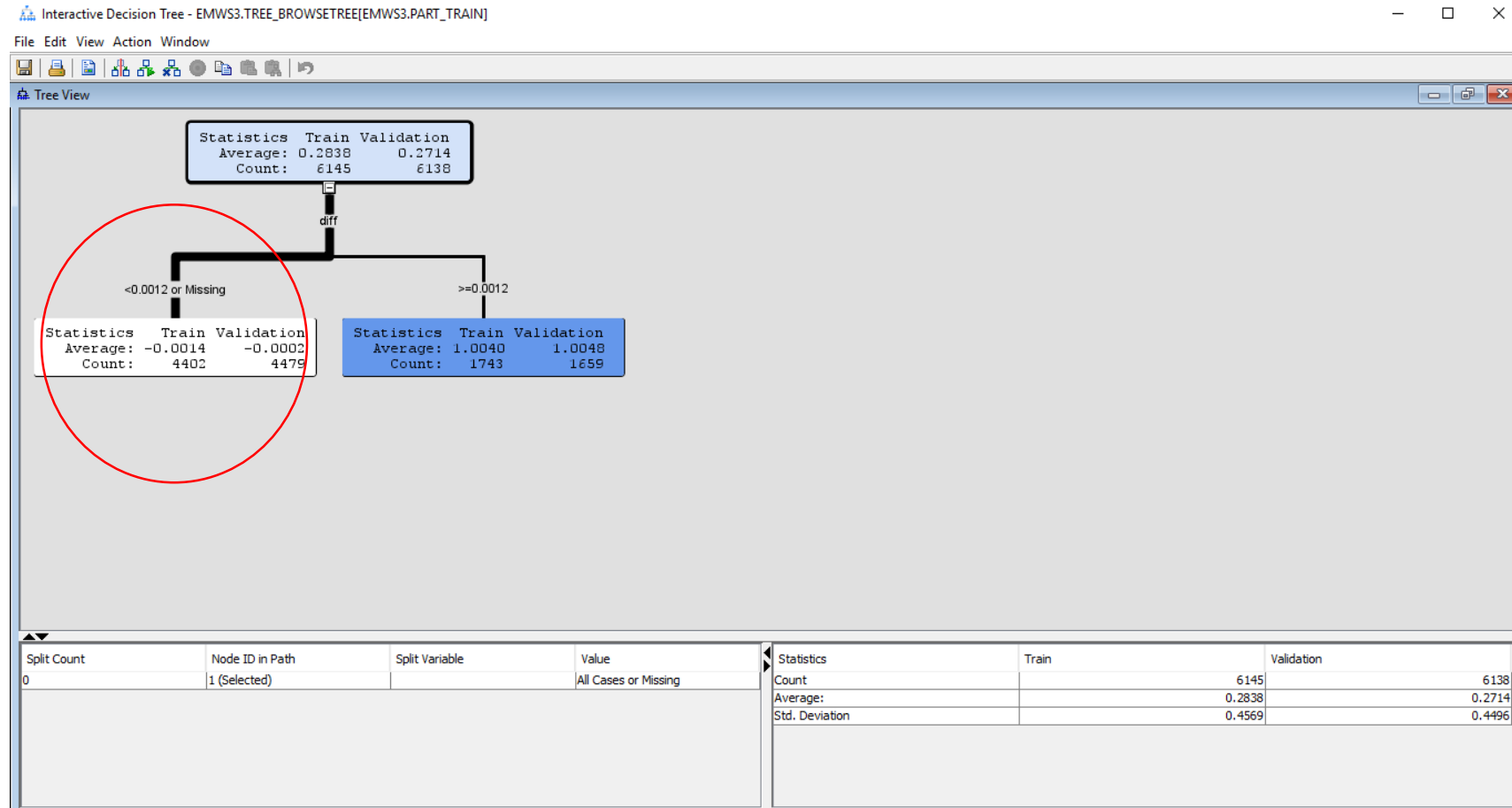
A red arrow labeled '2' points to the 'diff' variable, which has the highest -Log(p) value. The bottom of the window shows a summary table:

| Split Count | Node ID in Path | Split Variable | Value | Statistics | Train | Validation |
|-------------|-----------------|----------------|----------------------|----------------|--------|------------|
| 0 | 1 (Selected) | | All Cases or Missing | Count | 6145 | 6138 |
| | | | | Average: | 0.2838 | 0.2714 |
| | | | | Std. Deviation | 0.4569 | 0.4496 |

1. Select Input to split
2. Go to Edit Rule
3. Select Apply at Interval Split Rule



<0.0012 or Missing shows higher concentration



1. Split purple box
2. Select adj_close to Split
3. Go to Edit Rule
4. Apply the Interval Split Rule

The screenshot displays the 'Interactive Decision Tree' interface with a decision tree structure. A node is highlighted with a dashed border and a red arrow labeled '1'. A dialog box titled 'REP_adj_close - Interval Split Rule' is open, showing the 'Target Variable' as 'target' and the 'Assign missing values to' section with 'A specific branch' selected. The 'Branches' table shows two branches with split points at 39.6633. A red arrow labeled '4' points to the 'Apply' button in the dialog. In the background, another window shows a table with 'adj_close' selected, and a red arrow labeled '2' points to it. A red arrow labeled '3' points to the 'Edit Rule...' button in the background window.

Tree View

Statistics Train Validation
Average: 0.2838 0.2714
Count: 6145 6138

diff

<0.0012 or Missing

Statistics Train Validation
Average: -0.0014 -0.0002
Count: 4402 4479

Statistics
Average:
Count:

REP_adj_close - Interval Split Rule

Target Variable: target

Assign missing values to

☒ A specific branch 1

☐ A separate missing values branch

☐ All branches

Branches

| Branch | | Split Point |
|--------|----|-------------|
| 1 | < | 39.6633 |
| 2 | >= | 39.6633 |

New split point: Add Branch Remove Branch

OK Cancel Apply Reset

Statistics Train Validation
Count: 1743 1659
Average: 1.0040 1.0048
Std. Deviation: 0.0793 0.0981

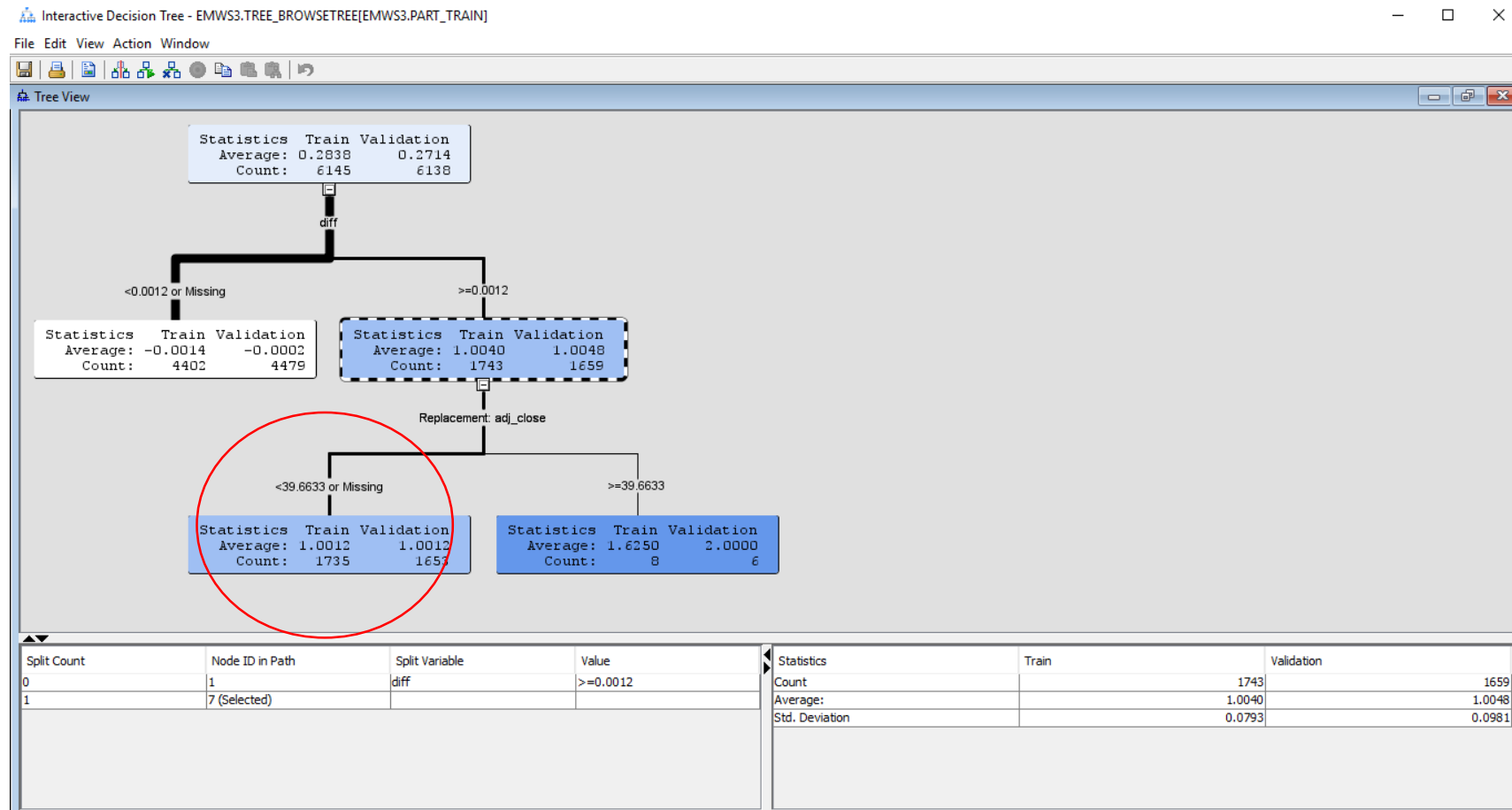
| Split Count | Node ID in Path | Split Variable | Value |
|-------------|-----------------|----------------|----------|
| 0 | 1 | diff | >=0.0012 |
| 1 | 7 (Selected) | | |

| Description | -Log(p) | Branches |
|----------------|----------|----------|
| | 836.7996 | 2 |
| | 125.2714 | 2 |
| | 125.2529 | 2 |
| ent: adj_close | 125.2529 | 2 |
| | 74.5869 | 2 |
| | 74.5869 | 2 |
| | 0.0 | 2 |

Edit Rule...

OK Cancel Apply Refresh

Split results shows ...or Missing has higher concentration



Select Train Node to create the Maximal Tree

Interactive Decision Tree - EMWS3.TREE_BROWSETREE[EMWS3.PART_TRAIN]

File Edit View Action Window

Tree View

Graph Properties...
Print
View
Tools
Node Statistics
Split Node...
Train Node
Prune Node
Switch Target...
Copy Descendants
Paste Descendants
Paste Saved Tree...
Undo Prune

Statistics Train Validation
Average: 0.2838
Count: 6145

Statistics Train Validation
Average: -0.0014 -0.0002
Count: 4597 4476

Statistics Train Validation
Average: 1.0040 1.0048
Count: 1252 1656

Statistics Train Validation
Average: -1.2000 -1.0000
Count: 6

Statistics Train Validation
Average: 0.0000 0.0000
Count: 4267 4478

Statistics Train Validation
Average: 1.6250 2.0000
Count: 8 6

Statistics Train Validation
Average: 1.0000 1.0000
Count: 1727 1648

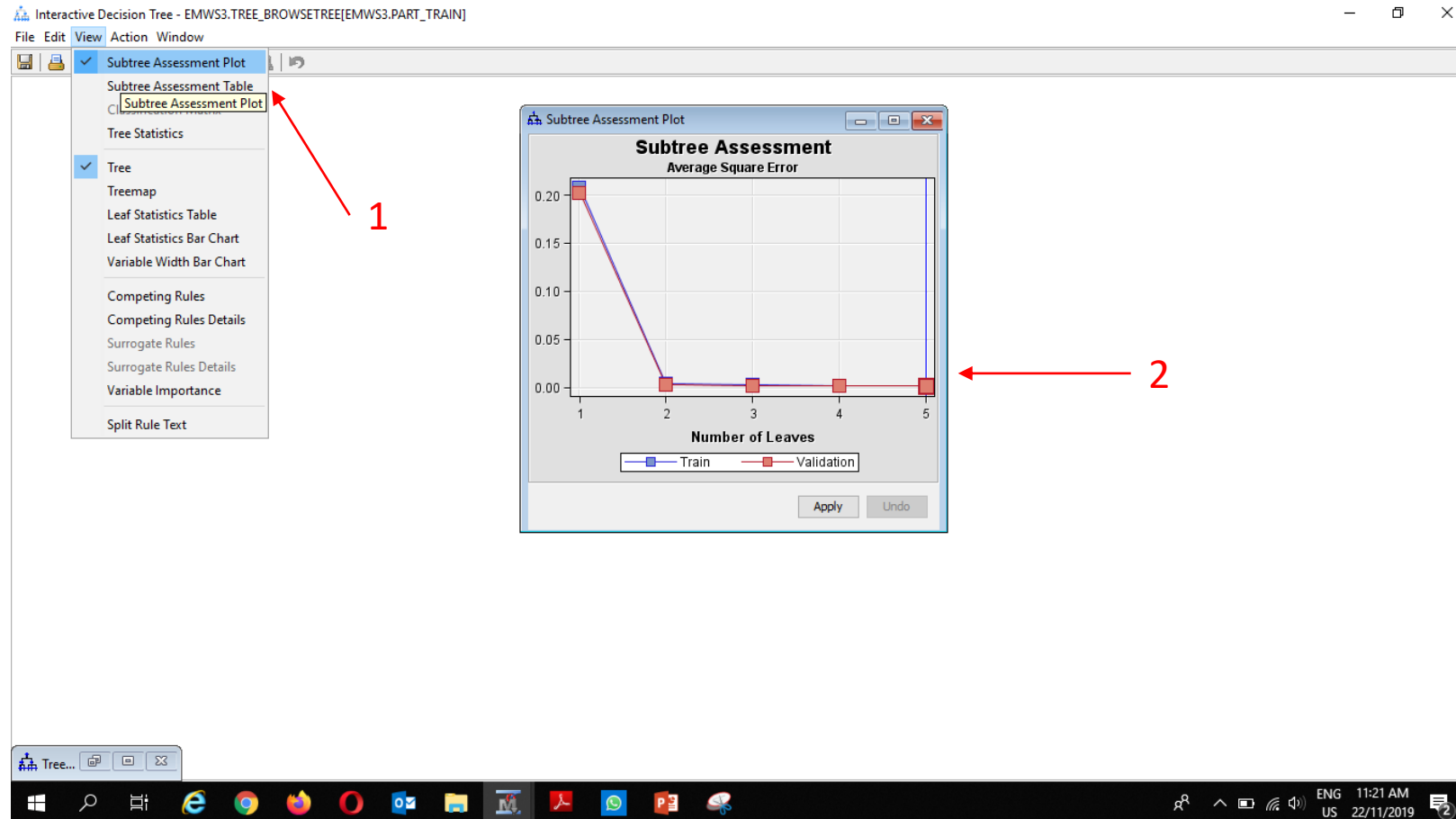
Statistics Train Validation
Average: 1.2500 1.4000
Count: 8 6

| Split Count | Node ID in Path | Split Variable | Value |
|-------------|-----------------|----------------|----------------------|
| 0 | 1 (Selected) | | All Cases or Missing |

| Statistics | Train | Validation |
|----------------|--------|------------|
| Count | 6145 | 6138 |
| Average: | 0.2838 | 0.2714 |
| Std. Deviation | 0.4569 | 0.4496 |

Windows taskbar: ENG 11:20 AM 22/11/2019

1. Select View and select Subtree Assessment Plot
2. 4 leaf-trees generate a lower misclassification rate



Change Use Frozen Tree in Train from No to Yes in order to assess Decision Tree

The screenshot shows the SAS Enterprise Miner interface. On the left, the 'Property' pane is open, displaying the configuration for 'Predictive Analysis 2'. The 'Train' tab is selected, and the 'Use Frozen Tree' property is highlighted with a red circle, set to 'Yes'. The 'Diagram' pane on the right shows a workflow: 'stock' (Data Source) → 'Replacement' (Transformation) → 'Data Partition' (Transformation) → 'Decision Tree' (Model). The status bar at the bottom indicates 'Run completed'.

| Property | Value |
|---------------------------|---------------|
| General | |
| Node ID | Tree |
| Imported Data | |
| Exported Data | |
| Notes | |
| Train | |
| Variables | |
| Interactive | |
| Import Tree Model | No |
| Tree Model Data Set | |
| Use Frozen Tree | Yes |
| Use Multiple Targets | No |
| Splitting Rule | |
| Interval Target Criterion | ProbF |
| Nominal Target Criterion | ProbChisq |
| Ordinal Target Criterion | Entropy |
| Significance Level | 0.2 |
| Missing Values | Use in search |
| Use Input Once | No |
| Maximum Branch | 2 |

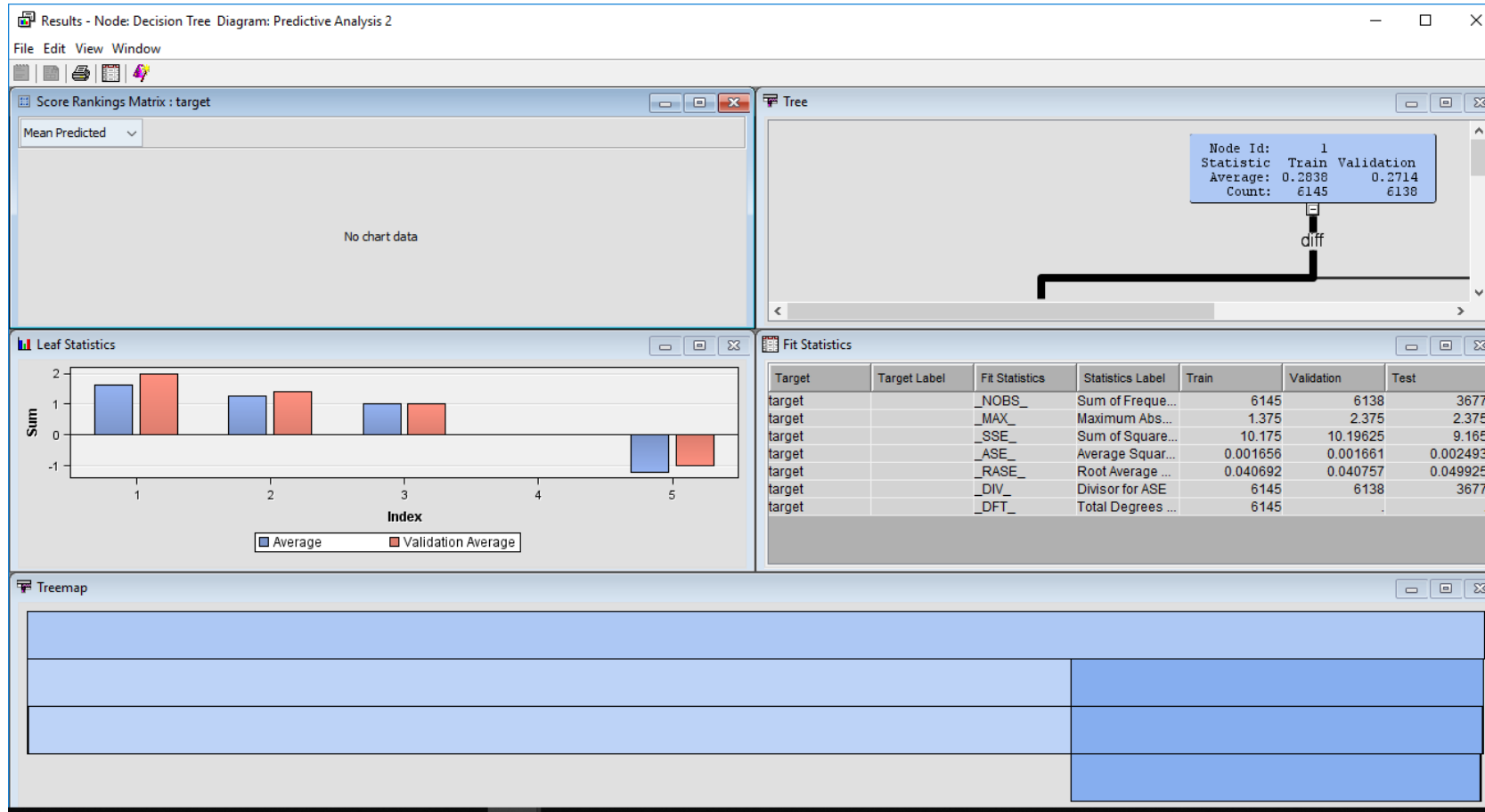
Use Frozen Tree
Specifies whether a frozen tree definition should be used or if a new tree should be

Diagram | Log

Run completed

wqd180031@siswa.um.edu.my as u35818613 Connected to SASApp - Logical Workspace Server (odaws01-apse1.oda.sas.com)

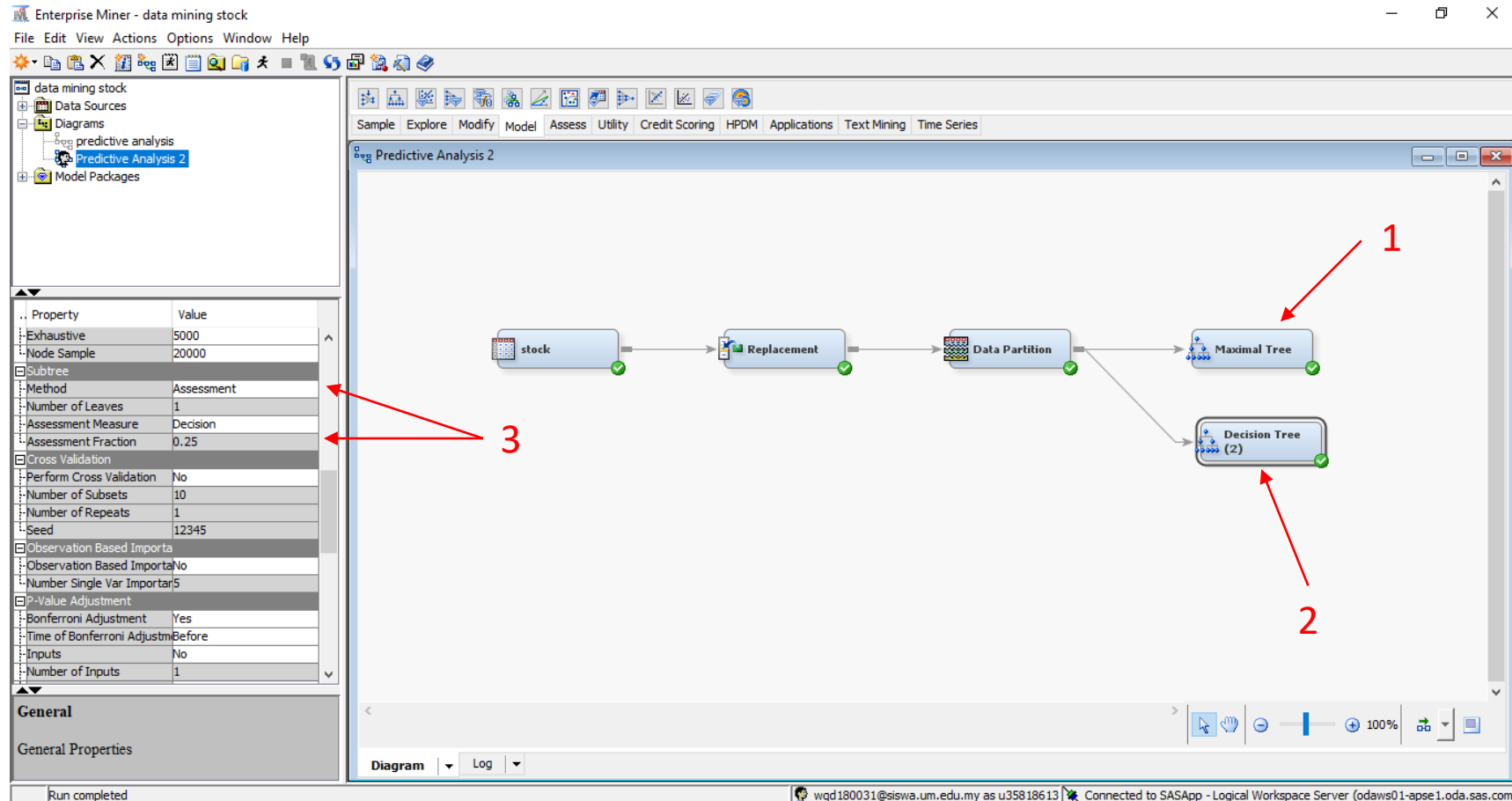
1. Run the DECISION TREE node and view the results
2. Results shows variety of diagnostic plots and tables



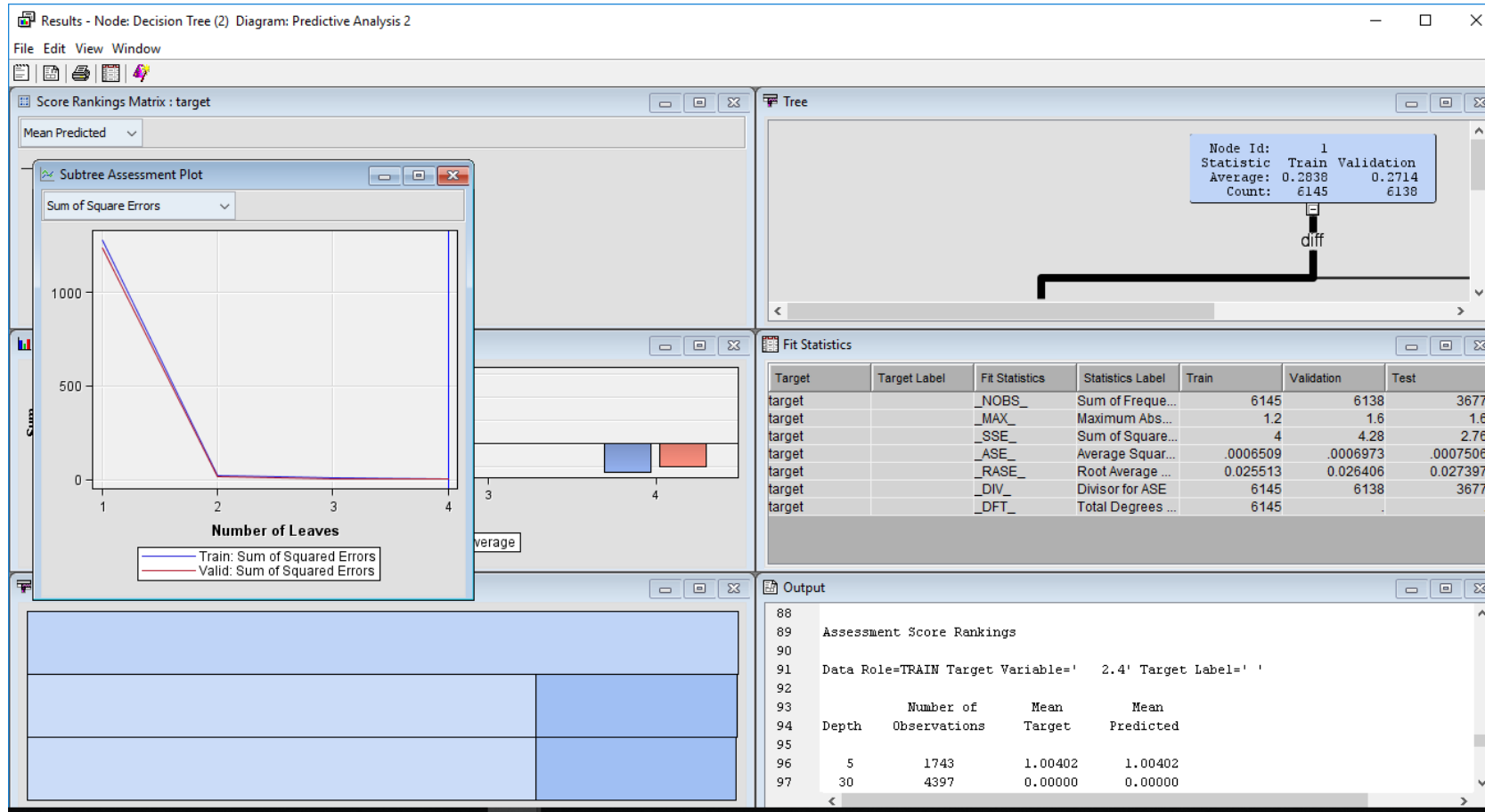
Here is how to assess Assessment Plot based on Average Square Error



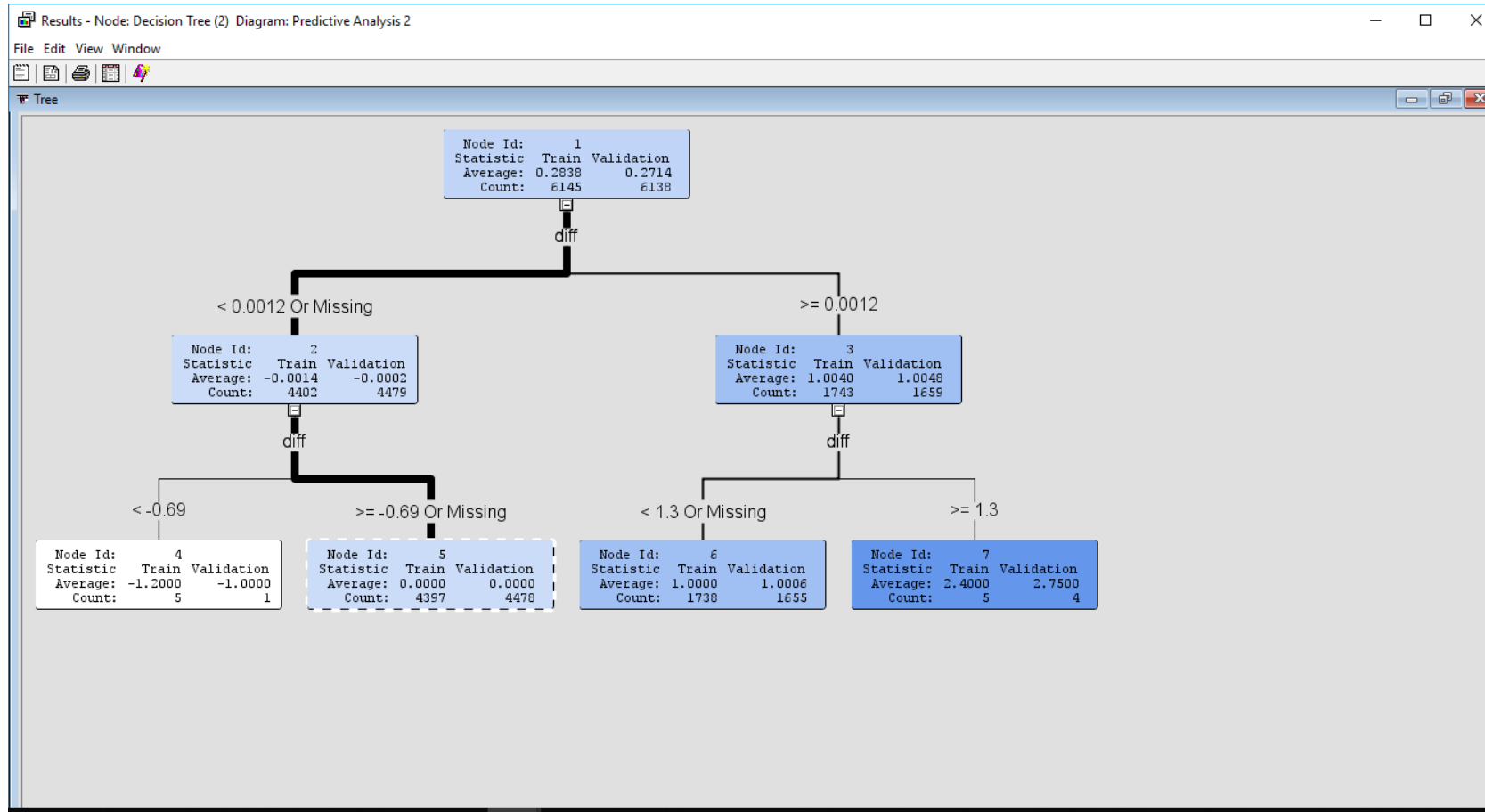
1. Back to diagram and rename DECISION TREE node to MAXIMAL TREE
2. Add another DECISION TREE node
3. Change DECISION TREE node properties under Subtree; Method to Assessment and Assessment Measure to Decision



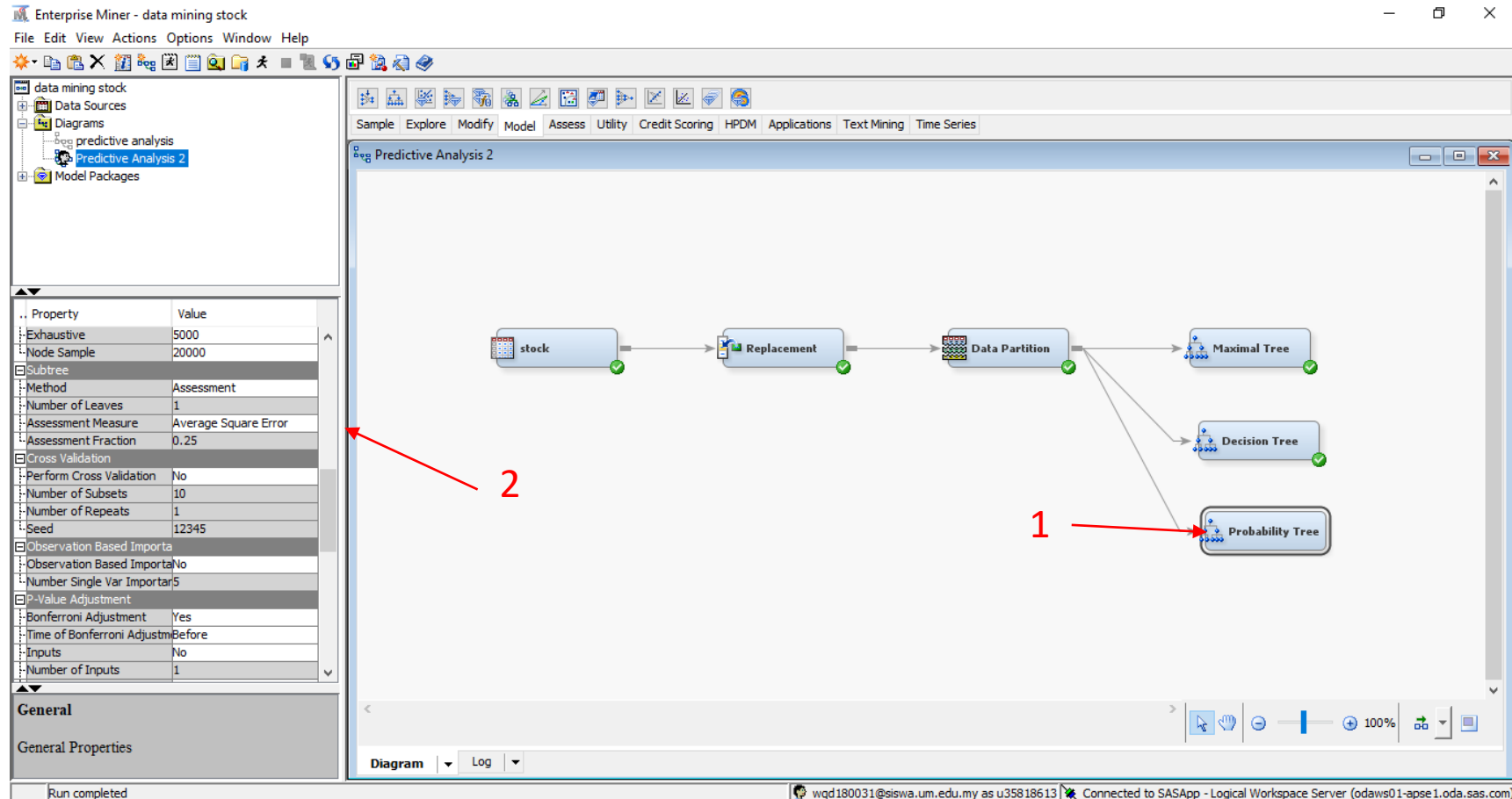
Results



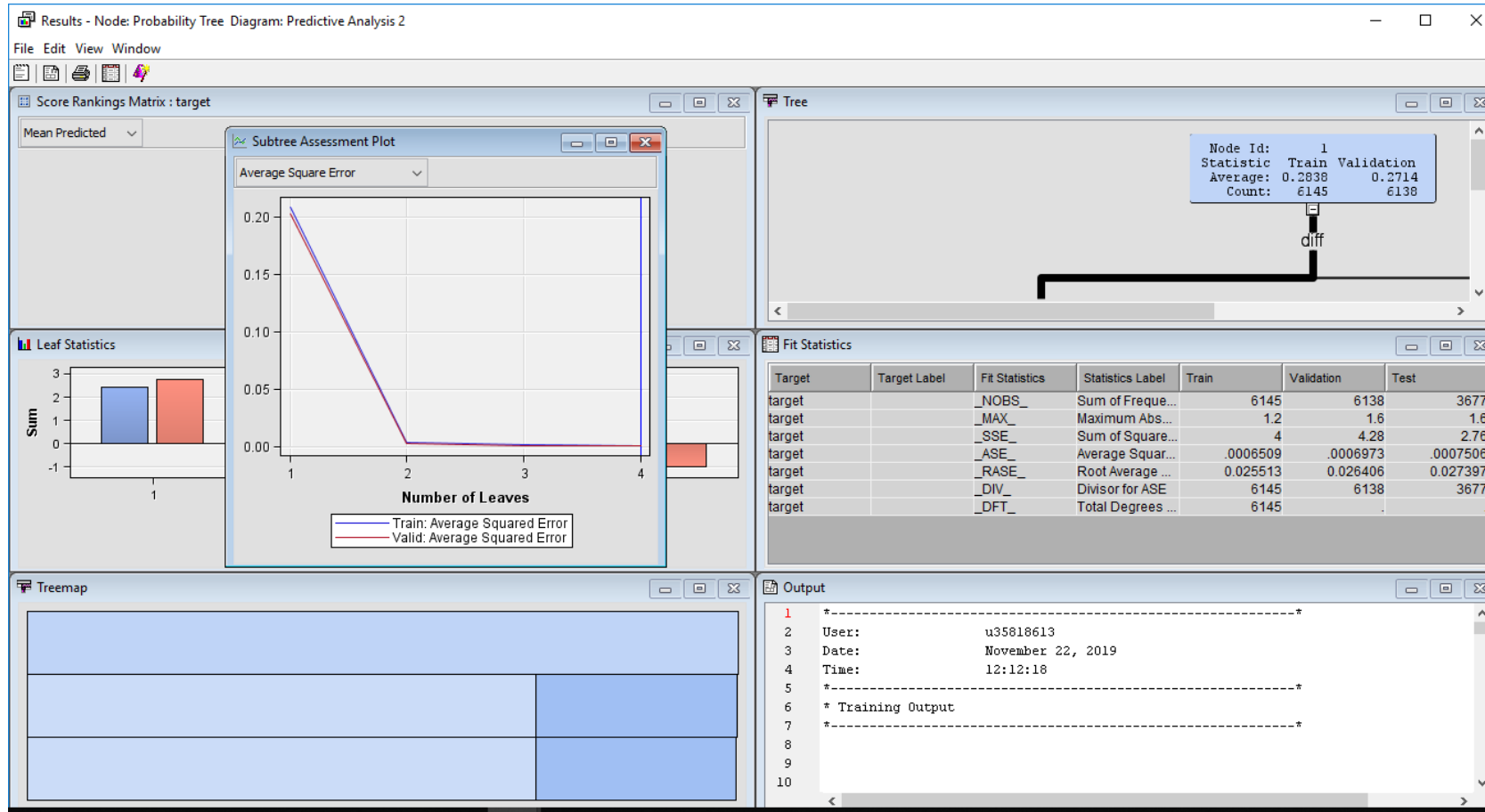
Optimal tree generated by DECISION TREE node



1. Create PROBABILITY TREE node by adding and renamed new DECISION TREE node
2. Change Assessment Measure in Subtree to Average Square Error



Run the PROBABILITY TREE node and view the results



Results of Probability Tree

