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## Golf : Decision tree

The screenshot shows the RapidMiner Studio interface with the 'Results' view selected. The main window displays a table of 14 examples for the 'Golf' dataset. The table has columns: Row No., Play, Outlook, Temperature, Humidity, and Wind. The 'Play' column is highlighted in green, indicating the target variable. The 'Repository' panel on the right shows the data source as 'LocalRepository (local)'.

Row No.	Play	Outlook	Temperature	Humidity	Wind
1	no	sunny	85	85	false
2	no	sunny	80	80	true
3	yes	overcast	83	78	false
4	yes	rain	70	86	false
5	yes	rain	80	80	false
6	no	rain	85	70	true
7	yes	overcast	84	65	true
8	no	sunny	72	65	false
9	yes	sunny	89	70	false
10	yes	rain	75	80	false
11	yes	sunny	75	70	true
12	yes	overcast	72	80	true
13	yes	overcast	81	75	false
14	no	rain	71	80	true

ExampleSet (14 examples, 1 special attribute, 4 regular attributes)

The screenshot shows the RapidMiner Studio interface with the 'Results' view selected. The main window displays a decision tree model for the 'Golf' dataset. The tree structure is as follows:

- Root node: Outlook
  - overcast: yes (red box)
  - rain: Wind
    - true: yes (red box)
    - false: no (blue box)
  - sunny: Humidity
    - > 77.500: yes (red box)
    - <= 77.500: no (blue box)

The 'Repository' panel on the right shows the data source as 'LocalRepository (local)'.

**Result History**

**ExampleSet (Retrieve Iris)** **Tree (Decision Tree)**

Open in **Turbo Prep** **Auto Model**

Filter (ISO / ISO examples): all

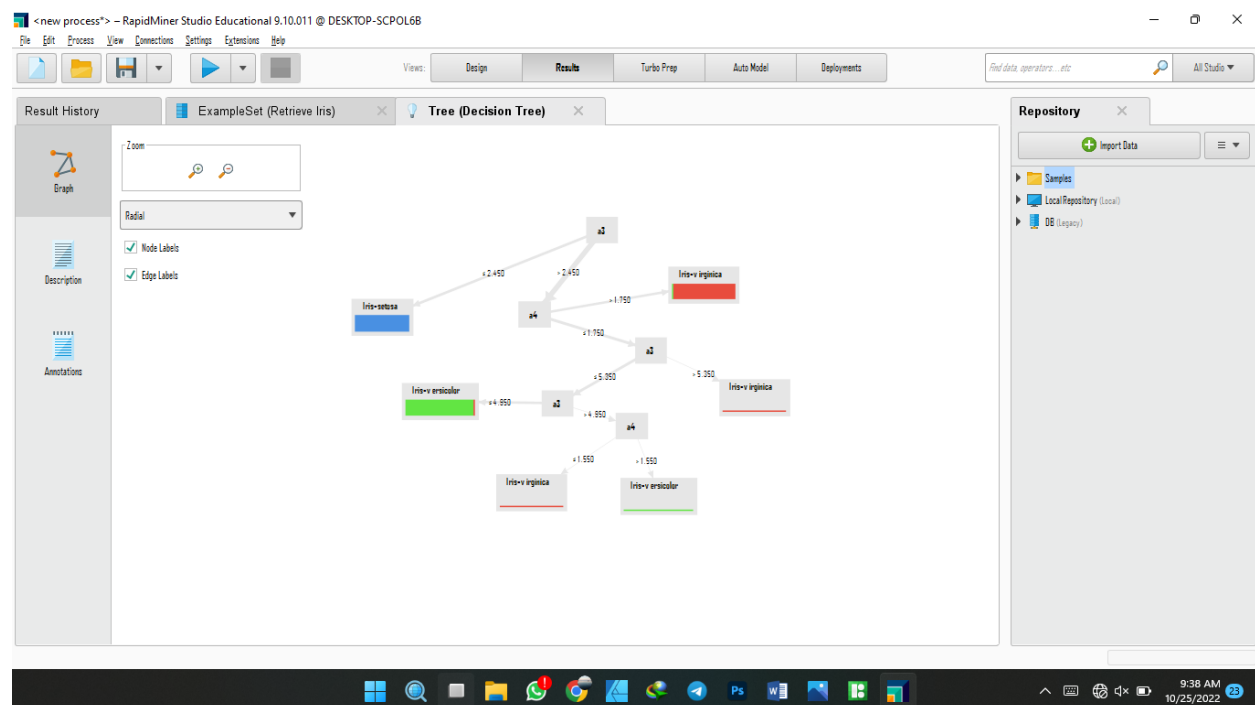
Row No.	id	label	x1	x2	x3	x4
1	id_1	iris-setosa	5.100	3.500	1.400	0.200
2	id_2	iris-setosa	4.900	3	1.400	0.200
3	id_3	iris-setosa	4.700	3.200	1.300	0.200
4	id_4	iris-setosa	4.600	3.100	1.500	0.200
5	id_5	iris-setosa	5	3.600	1.400	0.200
6	id_6	iris-setosa	5.400	3.800	1.700	0.400
7	id_7	iris-setosa	4.600	3.400	1.400	0.300
8	id_8	iris-setosa	5	3.400	1.500	0.200
9	id_9	iris-setosa	4.400	2.900	1.400	0.200
10	id_10	iris-setosa	4.900	3.100	1.500	0.100
11	id_11	iris-setosa	5.400	3.700	1.500	0.200
12	id_12	iris-setosa	4.800	3.400	1.600	0.200
13	id_13	iris-setosa	4.800	3	1.400	0.100
14	id_14	iris-setosa	4.300	3	1.100	0.100
15	id_15	iris-setosa	5.900	4	1.200	0.200

ExampleSet (ISO examples, 2 special attributes, 4 regular attributes)

**Repository**

**Import Data**

- Samples
- LocalRepository (local)
- DB (legacy)



## Iris: K-Means

**RapidMiner Studio Educational 9.10.011 @ DESKTOP-SCPOL6B**

File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model Deployments

Find data operators... etc

Result History

ExampleSet (Clustering) Cluster Model (Clustering)

Open in Turbo Prep Auto Model

Filter (150 / 150 examples): all

Row No.	id	label	cluster	x1	x2	x3	x4
1	id_1	Iris-setosa	cluster_0	5.100	3.500	1.400	0.200
2	id_2	Iris-setosa	cluster_0	4.900	3	1.400	0.200
3	id_3	Iris-setosa	cluster_0	4.700	3.200	1.300	0.200
4	id_4	Iris-setosa	cluster_0	4.600	3.100	1.500	0.200
5	id_5	Iris-setosa	cluster_0	5	3.600	1.400	0.200
6	id_6	Iris-setosa	cluster_0	5.400	3.800	1.700	0.400
7	id_7	Iris-setosa	cluster_0	4.800	3.400	1.400	0.300
8	id_8	Iris-setosa	cluster_0	5	3.400	1.500	0.200
9	id_9	Iris-setosa	cluster_0	4.400	2.800	1.400	0.200
10	id_10	Iris-setosa	cluster_0	4.900	3.100	1.500	0.100
11	id_11	Iris-setosa	cluster_0	5.400	3.700	1.500	0.200
12	id_12	Iris-setosa	cluster_0	4.800	3.400	1.600	0.200
13	id_13	Iris-setosa	cluster_0	4.800	3	1.400	0.100
14	id_14	Iris-setosa	cluster_0	4.300	3	1.100	0.100
15	id_15	Iris-setosa	cluster_0	5.900	4	1.200	0.200

ExampleSet (150 examples, 3 special attributes, 4 regular attributes)

Repository

Import Data

- TrainingResources (connected)
- Samples
  - data
  - processes
  - Templates
  - TimeSeries
  - Tutorials
- Community Samples (connected)
- LocalRepository (Local)
  - Connections
  - data
  - processes
    - CPU (10/25/22 11:25 AM - 14 kB)
    - datapemilupo (10/25/22 11:29 AM - 45 kB)
    - hargasakam-training-unit (10/25/22 8:44 PM - 16 kB)
    - HeatingOil (10/25/22 8:42 PM - 25 kB)
    - transaksi (10/25/22 8:43 PM - 5 kB)
  - DB (Legacy)

**RapidMiner Studio Educational 9.10.011 @ DESKTOP-SCPOL6B**

File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model Deployments

Find data operators... etc

Result History

ExampleSet (Clustering) Cluster Model (Clustering)

Cluster Model

Description

Cluster 0: 50 items  
Cluster 1: 12 items  
Cluster 2: 25 items  
Cluster 3: 24 items  
Cluster 4: 39 items  
Total number of items: 150

Folder View

Graph

Centroid Table

Plot

Repository

Import Data

- TrainingResources (connected)
- Samples
  - data
  - processes
  - Templates
  - TimeSeries
  - Tutorials
- Community Samples (connected)
- LocalRepository (Local)
  - Connections
  - data
  - processes
    - CPU (10/25/22 11:25 AM - 14 kB)
    - datapemilupo (10/25/22 11:29 AM - 45 kB)
    - hargasakam-training-unit (10/25/22 8:44 PM - 16 kB)
    - HeatingOil (10/25/22 8:42 PM - 25 kB)
    - transaksi (10/25/22 8:43 PM - 5 kB)
  - DB (Legacy)

## CPU: K-Means

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File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model Deployments

Find data, operators, etc. All Studio

**Result History** ExampleSet (Clustering) Cluster Model (Clustering)

Open in Turbo Prep Auto Model

Filter (159 / 159 examples): all

Row No.	id	cluster	MYCT	MMIN	MMAX	CACH	CHMIN	CHMAX	PERF0
1	1	cluster_0	125	258	6000	258	16	128	189
2	2	cluster_2	29	8000	32000	32	8	32	269
3	3	cluster_2	29	8000	32000	32	8	32	220
4	4	cluster_2	29	8000	32000	32	8	32	172
5	5	cluster_3	29	8000	16000	32	8	16	132
6	6	cluster_2	26	8000	32000	64	8	32	319
7	7	cluster_2	23	16000	32000	64	16	32	387
8	8	cluster_2	23	16000	32000	64	16	32	489
9	9	cluster_4	23	16000	64000	64	16	32	606
10	10	cluster_1	23	32000	64000	128	32	64	1144
11	11	cluster_0	400	1000	3000	0	1	2	38
12	12	cluster_0	400	512	3500	4	1	6	40
13	13	cluster_0	60	2000	8000	65	1	8	92
14	14	cluster_3	50	4000	16000	65	1	8	138

ExampleSet (159 examples, 2 special attributes, 7 regular attributes)

**Repository**

- Import Data
- Training Resources (connected)
- Samples
- Community Samples (connected)
- Local Repository (Local)
- Connections
- data
- processes
  - CPU (10/25/22 11:25 AM - 14 MB)
  - datapemilupo (10/25/22 11:29 AM - 45 MB)
  - hargasaham-training-uni (10/25/22 8:44 PM - 18 MB)
  - Heating01 (10/25/22 8:42 PM - 25 MB)
  - transaksi (10/25/22 8:43 PM - 5 MB)
- DB (Legacy)

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File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model Deployments

Find data, operators, etc. All Studio

**Result History** ExampleSet (Clustering) Cluster Model (Clustering)

**Cluster Model**

Cluster 0: 120 items  
Cluster 1: 1 items  
Cluster 2: 27 items  
Cluster 3: 49 items  
Cluster 4: 2 items  
Total number of items: 199

**Repository**

- Import Data
- Training Resources (connected)
- Samples
- Community Samples (connected)
- Local Repository (Local)
- Connections
- data
- processes
  - CPU (10/25/22 11:25 AM - 14 MB)
  - datapemilupo (10/25/22 11:29 AM - 45 MB)
  - hargasaham-training-uni (10/25/22 8:44 PM - 18 MB)
  - Heating01 (10/25/22 8:42 PM - 25 MB)
  - transaksi (10/25/22 8:43 PM - 5 MB)
- DB (Legacy)

## Heating Oil: K-Medoids

RapidMiner Studio Educational 9.10.011 @ DESKTOP-SCPOL6B

Views: Design Results Turbo Prep Auto Model Deployments

Result History: ExampleSet (Clustering) Cluster Model (Clustering)

Filter (1218 / 1218 examples): all

Row No.	id	cluster	Insulation, Temperat...
1	1	cluster_0	6.74,192.4,23.8,4
2	2	cluster_0	10.49,263.4,56.7,4
3	3	cluster_0	3.81,145.2,28.0,6
4	4	cluster_0	6.50,186.4,45.1,3
5	5	cluster_0	2.80,191.5,20.8,2
6	6	cluster_0	5.76,128.3,21.5,3
7	7	cluster_0	5.72,191.4,23.5,3
8	8	cluster_0	6.88,181.2,38.2,6
9	9	cluster_0	5.77,184.3,42.5,3
10	10	cluster_0	10.42,225.3,51.1,1
11	11	cluster_0	6.80,178.2,42.1,2
12	12	cluster_0	3.83,121.1,19.8,2
13	13	cluster_0	10.43,186.5,45.1,6
14	14	cluster_0	8.58,206.2,50.1,8
15	15	cluster_0	4.68,176.5,41.4,6

ExampleSet (1218 examples, 2 special attributes, 1 regular attribute)

Repository: Import Data, Training Resources (connected), Samples, Community Samples (connected), Local Repository (Local), Connections, data, processes, CPU (10/25/22 11:25 AM - 14 kB), datapemilupu (10/25/22 11:29 AM - 45 kB), hargasaham-training-unit (10/25/22 8:44 PM - 18 kB), HeatingOil (10/25/22 8:42 PM - 25 kB), transaksi (10/25/22 8:43 PM - 5 kB), Temporary Repository (Local), DB (Legacy)

RapidMiner Studio Educational 9.10.011 @ DESKTOP-SCPOL6B

Views: Design Results Turbo Prep Auto Model Deployments

Result History: ExampleSet (Clustering) Cluster Model (Clustering)

Cluster Model

Cluster 0: 1217 items  
Cluster 1: 1 items  
Total number of items: 1218

Repository: Import Data, Training Resources (connected), Samples, Community Samples (connected), Local Repository (Local), Connections, data, processes, CPU (10/25/22 11:25 AM - 14 kB), datapemilupu (10/25/22 11:29 AM - 45 kB), hargasaham-training-unit (10/25/22 8:44 PM - 18 kB), HeatingOil (10/25/22 8:42 PM - 25 kB), transaksi (10/25/22 8:43 PM - 5 kB), Temporary Repository (Local), DB (Legacy)

## Transaksi: K-Means

<new process> - RapidMiner Studio Educational 9.10.011 @ DESKTOP-SCPOL6B

File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model Deployments

Find data, operators, etc. All Studio

Result History

ExampleSet (Clustering) Cluster Model (Clustering)

Open in Turbo Prep Auto Model

Filter (12 / 12 examples): all

Row No.	id	cluster	Customer	Gula	Kopi	Aqua	Popok	Syrui	Sabun
1	1	cluster_0	1	1	1	0	0	0	1
2	2	cluster_0	2	1	1	0	1	1	0
3	3	cluster_0	3	0	0	0	1	1	0
4	4	cluster_2	4	1	0	1	0	0	0
5	5	cluster_2	5	0	0	1	1	0	0
6	6	cluster_2	6	1	1	0	0	0	1
7	7	cluster_4	7	0	0	0	0	1	0
8	8	cluster_4	8	0	0	1	1	1	1
9	9	cluster_1	9	1	1	0	0	0	0
10	10	cluster_1	10	0	0	1	0	0	0
11	11	cluster_1	11	1	1	1	0	0	0
12	12	cluster_3	13	0	0	0	0	1	1

ExampleSet (12 examples, 2 special attributes, 11 regular attributes)

Repository

Import Data

- Training Resources (connected)
  - Samples
    - data
    - processes
    - Templates
    - TimeSeries
    - Tutorials
  - Community Samples (connected)
  - Local Repository (Local)
  - Temporary Repository (Local)
  - DB (Legacy)

<new process> - RapidMiner Studio Educational 9.10.011 @ DESKTOP-SCPOL6B

File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model Deployments

Find data, operators, etc. All Studio

Result History

ExampleSet (Clustering) Cluster Model (Clustering)

Cluster Model

Cluster 0: 3 items  
Cluster 1: 3 items  
Cluster 2: 3 items  
Cluster 3: 1 items  
Cluster 4: 2 items  
Total number of items: 12

Repository

Import Data

- Training Resources (connected)
  - Samples
    - data
    - processes
    - Templates
    - TimeSeries
    - Tutorials
  - Community Samples (connected)
  - Local Repository (Local)
  - Temporary Repository (Local)
  - DB (Legacy)

Harga Saham: K-Medoids

<new process> - RapidMiner Studio Educational 9.10.011 @ DESKTOP-SCPOL6B

File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model Deployments

Find data, operators, etc. All Studio

Result History ExampleSet (Clustering) Cluster Model (Clustering)

Open in Turbo Prep Auto Model

Filter (GBI / GBI examples): all

Row No.	id	cluster	Date	Disse
1	1	cluster_1	Apr 11, 2006	1286.570
2	2	cluster_1	Apr 12, 2006	1288.120
3	3	cluster_1	Apr 13, 2006	1288.120
4	4	cluster_1	Apr 17, 2006	1285.330
5	5	cluster_1	Apr 18, 2006	1307.280
6	6	cluster_1	Apr 19, 2006	1308.930
7	7	cluster_1	Apr 20, 2006	1311.460
8	8	cluster_1	Apr 21, 2006	1311.290
9	9	cluster_1	Apr 24, 2006	1308.110
10	10	cluster_1	Apr 25, 2006	1301.740
11	11	cluster_1	Apr 26, 2006	1305.410
12	12	cluster_1	Apr 27, 2006	1306.720
13	13	cluster_1	Apr 28, 2006	1310.610
14	14	cluster_1	May 1, 2006	1305.160
15	15	cluster_1	May 2, 2006	1313.210

ExampleSet (GBI) examples: 2 special attributes, 2 regular attributes

Repository

- Import Data
- Training Resources (connected)
  - Samples
    - data
    - processes
    - Templates
    - Time Series
    - Tutorials
  - Community Samples (connected)
- Local Repository (Local)
  - Connections
  - data
  - processes
  - CPU (10/25/22 11:25 AM - 14 kB)
  - datapenulupu (10/25/22 11:29 AM - 45 kB)
  - hargasaham-training-uni (10/25/22 5:44 PM - 18 kB)
  - HeatingOil (10/25/22 6:42 PM - 25 kB)
  - transakal (10/25/22 6:43 PM - 5 kB)
- Temporary Repository (Local)
- DB (Legacy)

<new process> - RapidMiner Studio Educational 9.10.011 @ DESKTOP-SCPOL6B

File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model Deployments

Find data, operators, etc. All Studio

Result History ExampleSet (Clustering) Cluster Model (Clustering)

Cluster Model

Cluster 0: 2 items  
Cluster 1: 989 items  
Total number of items: 991

Repository

- Import Data
- Training Resources (connected)
  - Samples
    - data
    - processes
    - Templates
    - Time Series
    - Tutorials
  - Community Samples (connected)
- Local Repository (Local)
  - Connections
  - data
  - processes
  - CPU (10/25/22 11:25 AM - 14 kB)
  - datapenulupu (10/25/22 11:29 AM - 45 kB)
  - hargasaham-training-uni (10/25/22 5:44 PM - 18 kB)
  - HeatingOil (10/25/22 6:42 PM - 25 kB)
  - transakal (10/25/22 6:43 PM - 5 kB)
- Temporary Repository (Local)
- DB (Legacy)