

Nama : Titis Ulfa Mustikawati

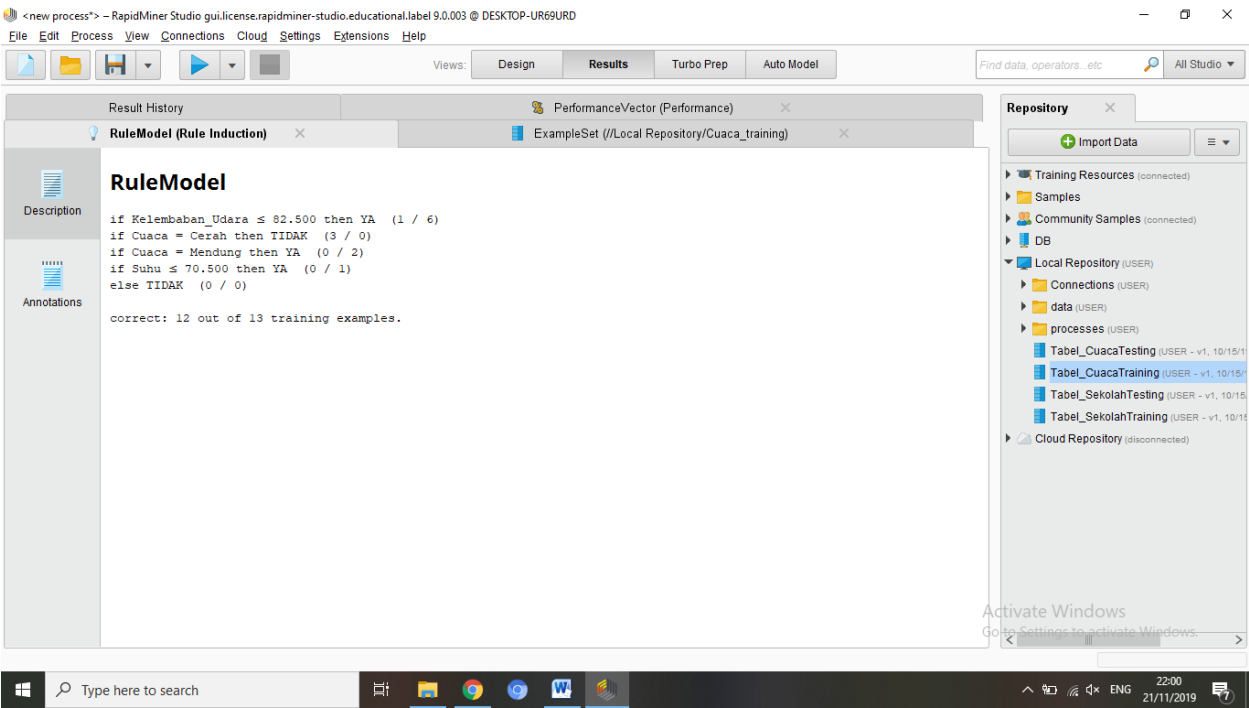
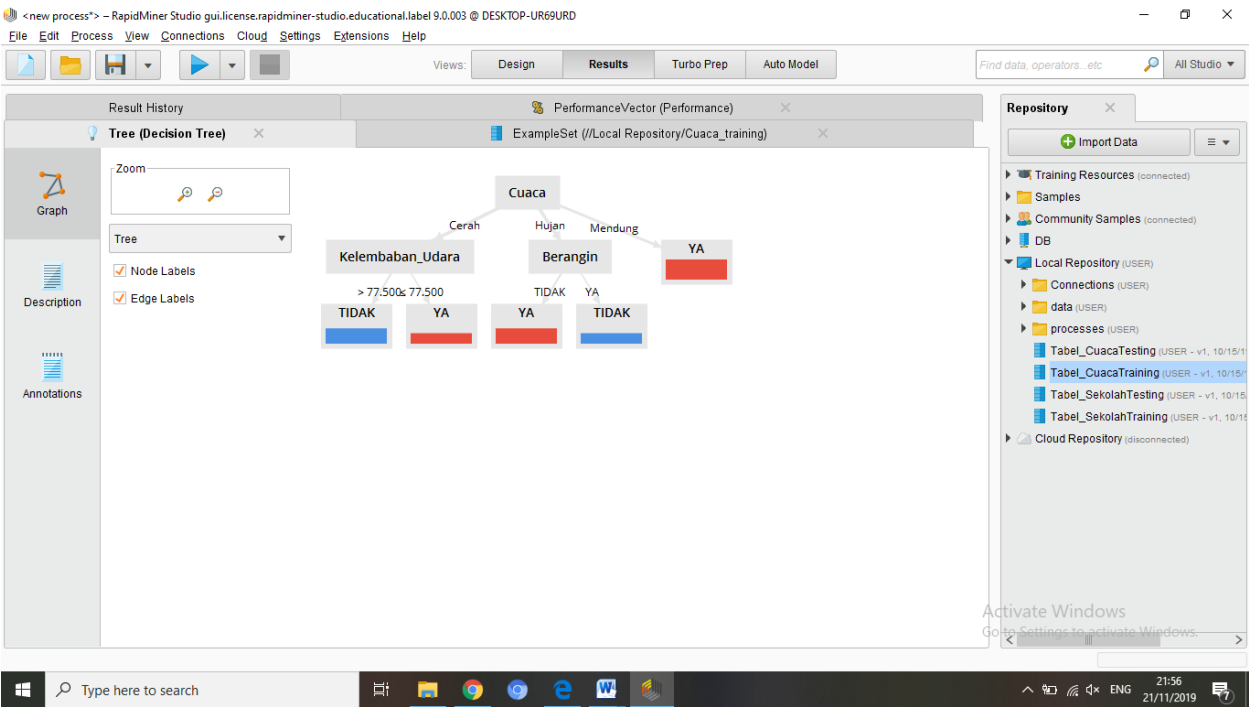
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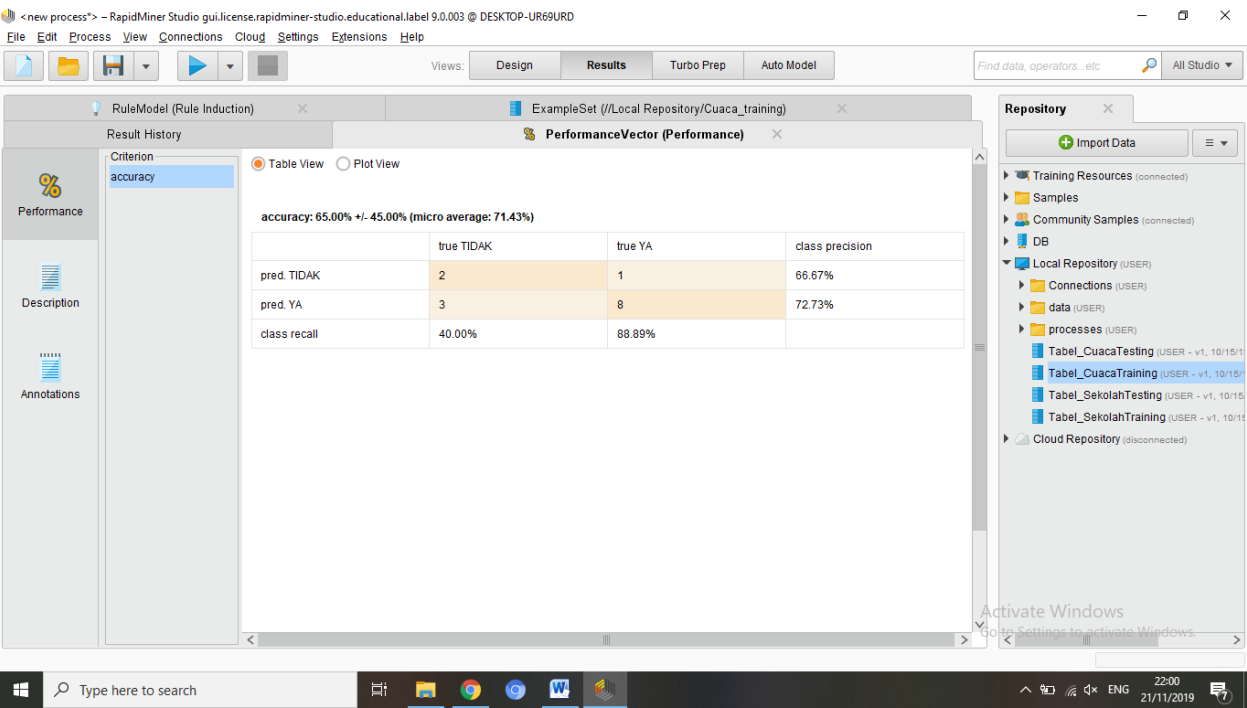
Kelas : C

MODUL 11

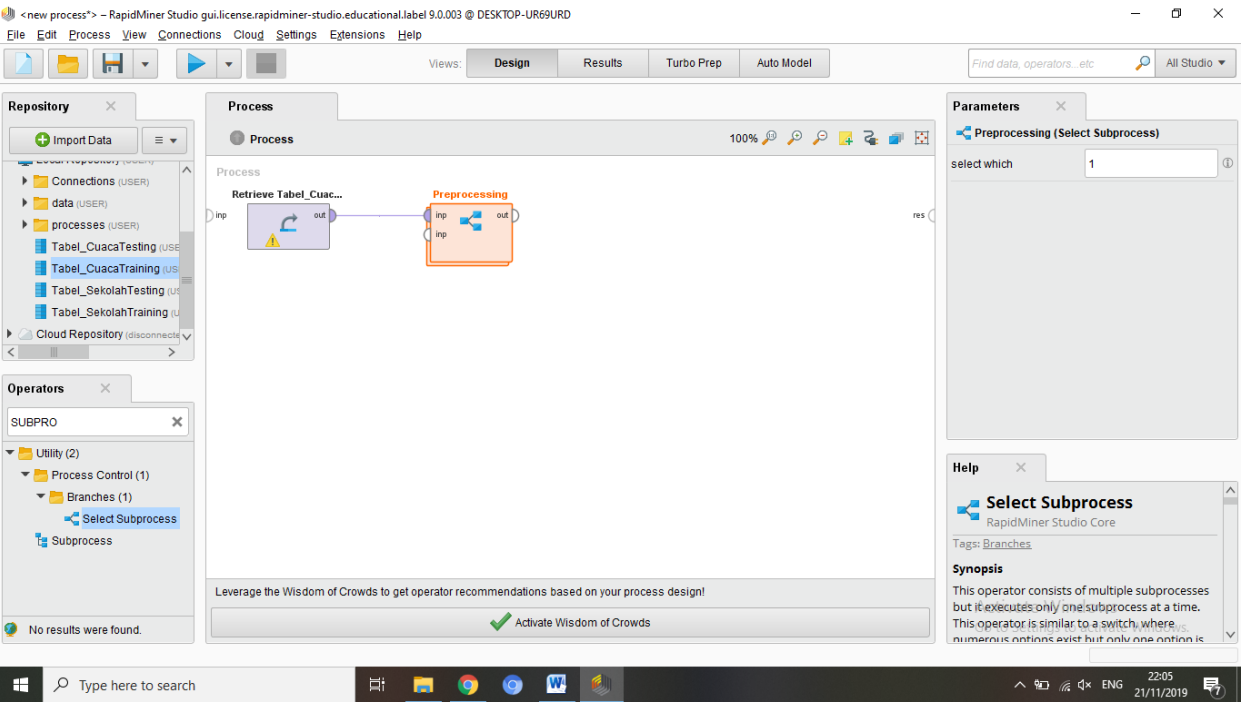
LANGKAH – LANGKAH PRAKTIKUM

INDUKSI ATURAN DATA CUACA





ATURAN ASOSIASI DATA CUACA



The screenshot displays the RapidMiner Studio environment. At the top, the title bar indicates the file path: <new process> - RapidMiner Studio gui.license.rapidminer-studio.educational.label 9.0.003 @ DESKTOP-UR69URD. The menu bar includes File, Edit, Process, View, Connections, Cloud, Settings, Extensions, and Help. Below the menu, there are icons for file operations and a 'Views' section with buttons for Design, Results, Turbo Prep, and Auto Model. A search bar on the right says 'Find data, operators ...etc' and 'All Studio'.

The main workspace is divided into several panels:

- Repository:** Shows a tree view of data sources. Under 'Cloud Repository (disconnected)', there are folders for 'Connections (USER)', 'data (USER)', and 'processes (USER)'. The 'processes' folder contains several files, including 'Tabel_CuacaTesting (USER)', 'Tabel_CuacaTraining (USER)', 'Tabel_SekolahTesting (USER)', and 'Tabel_SekolahTraining (USER)'.
- Operators:** A list of available operators. The search bar contains 'create'. The list includes 'Associations (1)' with 'Create Association Rule', 'Scoring (1)', and 'Confidences (1)' with 'Create Threshold'.
- Process:** The central area showing the workflow. The process starts with 'Retrieve Tabel_Cuaca...' (input), followed by 'Preprocessing' (input/output), then 'FP-Growth' (input/output), and finally 'Create Association Rules' (output). The flow is connected by arrows, and the 'FP-Growth' operator has a 'res' output port.
- Parameters:** A panel for configuring the 'Process' operator. It includes settings for 'logverbosity' (init), 'logfile' (empty), 'resultfile' (empty), 'random seed' (2001), 'send mail' (never), and 'encoding' (SYSTEM). There are links for 'Hide advanced parameters' and 'Change compatibility (9.0.003)'.
- Help:** A panel titled 'Process' with the subtitle 'RapidMiner Studio Core'. It contains a 'Synopsis' section stating 'The root operator which is the outer most operator of every process.' and a 'Description' section with the text 'Settings to activate Windows.'

At the bottom of the interface, there is a status bar with a message: 'We found "Tadl", "MeaningCloud Text Analytics" and one more result in the Marketplace. Show me!' and a button to 'Activate Wisdom of Crowds'.

The screenshot displays the RapidMiner Studio interface. The top menu bar includes File, Edit, Process, View, Connections, Cloud, Settings, Extensions, and Help. Below the menu is a toolbar with icons for file operations and process execution. The main workspace shows two tabs: "ExampleSet (Nominal2Binominal)" and "ExampleSet (//Local Repository/Cuaca_training)". The active tab is displaying the "FrequentItemSets (FP-Growth)" results.

Result History:

- ExampleSet (Nominal2Binominal)
- FrequentItemSets (FP-Growth)
- AssociationRules (Create Association Rules)

Data Panel:

- No. of Sets: 26
- Total Max. Size: 4
- Min. Size: 1
- Max. Size: 4
- Contains Item: []
- [Update View]

| Size | Support | Item 1 | Item 2 | Item 3 | Item 4 |
|------|---------|------------------|-----------------|--------|--------|
| 1 | 0.500 | Kelembaban_Udara | | | |
| 1 | 0.429 | Berangin | | | |
| 1 | 0.429 | Suhu | | | |
| 1 | 0.357 | Cuaca = Cerah | | | |
| 1 | 0.357 | Cuaca = Hujan | | | |
| 1 | 0.286 | Cuaca = Mendung | | | |
| 2 | 0.214 | Kelembaban_Udara | Berangin | | |
| 2 | 0.214 | Kelembaban_Udara | Suhu | | |
| 2 | 0.214 | Kelembaban_Udara | Cuaca = Cerah | | |
| 2 | 0.143 | Kelembaban_Udara | Cuaca = Hujan | | |
| 2 | 0.143 | Kelembaban_Udara | Cuaca = Mendung | | |
| 2 | 0.143 | Berangin | Suhu | | |
| 2 | 0.143 | Berangin | Cuaca = Cerah | | |
| 2 | 0.143 | Berangin | Cuaca = Hujan | | |
| 2 | 0.143 | Berangin | Cuaca = Mendung | | |

Repository Panel:

- Import Data
- Training Resources (connected)
 - Samples
 - Community Samples (connected)
 - DB
- Local Repository (USER)
 - Connections (USER)
 - data (USER)
 - processes (USER)
 - Tabel_CuacaTesting (USER - v1, 10/15/2019)
 - Tabel_CuacaTraining (USER - v1, 10/15/2019)
 - Tabel_SekolahTesting (USER - v1, 10/15/2019)
 - Tabel_SekolahTraining (USER - v1, 10/15/2019)
- Cloud Repository (disconnected)

RapidMiner Studio | <new process> - RapidMiner Studio gui.license.rapidminer-studio.educational.label 9.0.003 @ DESKTOP-UR69URD
 File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model Find data, operators, etc All Studio

Result History

- AssociationRules (Create Association Rules) x
- ExampleSet (Nominal2Binominal) x
- ExampleSet (/Local Repository/Cuaca_training) x
- FrequentItemSets (FP-Growth) x

Show rules matching all of these conclusions:

Suhu
Cuaca = Cerah

| Premises | Conclusion | Support | Confidence | Laplace | Gain | p-s |
|---|---------------|---------|------------|---------|--------|-------|
| Berangin, Suhu | Cuaca = Cerah | 0.143 | 1 | 1 | -0.143 | 0.092 |
| Berangin, Cuaca = Cerah | Suhu | 0.143 | 1 | 1 | -0.143 | 0.082 |
| Kelembaban_Udara, Berangin, Suhu | Cuaca = Cerah | 0.071 | 1 | 1 | -0.071 | 0.046 |
| Kelembaban_Udara, Berangin, Cuaca = Cerah | Suhu | 0.071 | 1 | 1 | -0.071 | 0.041 |

Min. Criterion:
confidence

Min. Criterion Value:

