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| **DATA 1** | MAT100 | MAT221 |  | KOM208 |
| **DATA 2** | KOM203 | KOM206 | KOM311 | KOM312 |
| **DATA 3** | KOM202 | KOM207 | KOM321 | KOM323 |
| **DATA 4** | MAT100 | MAT221 | KOM321 | KOM323 |
| **DATA 5** | MAT103 | MAT217 |  | MAT321 |
| **DATA 6** | KOM202 | KOM331 |  | KOM334 |
| **DATA 7** | MAT100 | MAT215 |  | KOM301 |
| **DATA 8** | KOM206 | KOM311 |  | KOM312 |

1. DATA 1

**AKURASI : 90.90**

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| Confusion Matrix and Statistics  Reference  Prediction BAIK CUKUP  BAIK 9 1  CUKUP 0 1 |

**DESKRIPSI**

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| Decision tree:  MAT221 in {A,AB,B,BC}: BAIK (76/24)  MAT221 in {C,D}: CUKUP (23/6)  Rules:  Rule 1: (76/24, lift 1.2)  MAT221 in {A, AB, B, BC}  -> class BAIK [0.679]  Rule 2: (23/6, lift 1.7)  MAT221 in {C, D}  -> class CUKUP [0.720]  Default class: BAIK  Evaluation on training data (99 cases):  Decision Tree  ----------------  Size Errors  2 30(30.3%) <<  (a) (b) <-classified as  ---- ----  52 6 (a): class BAIK  24 17 (b): class CUKUP  Attribute usage:  100.00% MAT221 |

1. DATA 2

**AKURASI : 82.35**

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| Confusion Matrix and Statistics  Reference  Prediction BAIK CUKUP  BAIK 9 2  CUKUP 1 5 |

**DESKRIPSI**

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| Decision tree:  KOM206 in {BC,C,D,E}:  :...KOM311 in {A,BC}: BAIK (13/5)  : KOM311 in {AB,B,C,D}: CUKUP (27/1)  KOM206 in {A,AB,B}:  :...KOM311 = AB: CUKUP (7/1)  KOM311 in {B,BC,D}: BAIK (73/17)  KOM311 = A:  :...KOM203 in {A,B,C}: BAIK (14/5)  : KOM203 in {AB,BC}: CUKUP (4)  KOM311 = C:  :...KOM206 in {A,AB}: BAIK (6)  KOM206 = B: CUKUP (3)  Rules:  Rule 1: (107/35, lift 1.2)  KOM206 in {A, AB, B}  -> class BAIK [0.670]  Rule 2: (11/1, lift 1.9)  KOM311 = AB  -> class CUKUP [0.846]  Rule 3: (4, lift 1.9)  KOM203 in {AB, BC}  KOM206 in {A, B}  KOM311 = A  -> class CUKUP [0.833]  Rule 4: (3, lift 1.8)  KOM206 = B  KOM311 = C  -> class CUKUP [0.800]  Rule 5: (40/9, lift 1.7)  KOM206 in {BC, C, D, E}  -> class CUKUP [0.762]  Default class: BAIK  Evaluation on training data (147 cases):  Decision Tree  ----------------  Size Errors  8 29(19.7%) <<  (a) (b) <-classified as  ---- ----  79 2 (a): class BAIK  27 39 (b): class CUKUP  Attribute usage:  100.00% KOM206  100.00% KOM311  12.24% KOM203 |

1. DATA 3

**AKURASI : 77.77**

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| Confusion Matrix and Statistics  Reference  Prediction BAIK CUKUP  BAIK 5 1  CUKUP 1 2 |

**DESKRIPSI**

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| Decision tree:  KOM321 in {A,AB,B}: BAIK (26/9)  KOM321 in {BC,C,D}: CUKUP (52/13)  Rules:  Rule 1: (26/9, lift 1.7)  KOM321 in {A, AB, B}  -> class BAIK [0.643]  Rule 2: (52/13, lift 1.2)  KOM321 in {BC, C, D}  -> class CUKUP [0.741]  Default class: CUKUP  Evaluation on training data (78 cases):  Decision Tree  ----------------  Size Errors  2 22(28.2%) <<  (a) (b) <-classified as  ---- ----  17 13 (a): class BAIK  9 39 (b): class CUKUP  Attribute usage:  100.00% KOM321 |

1. DATA 4

**AKURASI: 78.57**

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| Confusion Matrix and Statistics  Reference  Prediction BAIK CUKUP  BAIK 5 0  CUKUP 3 6 |

**DESKRIPSI**

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| Decision tree:  MAT100 = A: BAIK (47/15)  MAT100 in {AB,B,C,D}: CUKUP (60/22)  MAT100 = BC:  :...MAT221 in {A,AB,B,BC,D}: CUKUP (13/4)  MAT221 = C: BAIK (6/2)  Rules:  Rule 1: (47/15, lift 1.4)  MAT100 = A  -> class BAIK [0.673]  Rule 2: (60/22, lift 1.2)  MAT100 in {AB, B, C, D}  -> class CUKUP [0.629]  Default class: CUKUP  Evaluation on training data (126 cases):  Decision Tree  ----------------  Size Errors  4 43(34.1%) <<  (a) (b) <-classified as  ---- ----  36 26 (a): class BAIK  17 47 (b): class CUKUP  Attribute usage:  100.00% MAT100  15.08% MAT221 |

1. DATA 5

**AKURASI : 89.47**

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| Confusion Matrix and Statistics  Reference  Prediction BAIK CUKUP  BAIK 14 2  CUKUP 0 3 |

**DESKRIPSI**

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| Decision tree:  MAT103 in {BC,D}: CUKUP (28)  MAT103 in {A,AB,B,C}:  :...MAT217 in {A,AB}: BAIK (63/16)  MAT217 in {BC,D}: CUKUP (14)  MAT217 = B:  :...MAT103 in {A,AB,C}: BAIK (39/14)  : MAT103 = B: CUKUP (6)  MAT217 = C:  :...MAT103 in {A,AB,C}: CUKUP (8)  MAT103 = B: BAIK (9/2)  Rules:  Rule 1: (63/16, lift 1.6)  MAT103 in {A, AB, B}  MAT217 in {A, AB}  -> class BAIK [0.738]  Rule 2: (9/2, lift 1.5)  MAT103 = B  MAT217 = C  -> class BAIK [0.727]  Rule 3: (39/14, lift 1.3)  MAT103 in {A, AB, C}  MAT217 = B  -> class BAIK [0.634]  Rule 4: (30, lift 1.8)  MAT217 in {BC, D}  -> class CUKUP [0.969]  Rule 5: (28, lift 1.8)  MAT103 in {BC, D}  -> class CUKUP [0.967]  Rule 6: (8, lift 1.7)  MAT103 in {A, C}  MAT217 = C  -> class CUKUP [0.900]  Rule 7: (6, lift 1.7)  MAT103 = B  MAT217 = B  -> class CUKUP [0.875]  Default class: CUKUP  Evaluation on training data (167 cases):  Decision Tree  ----------------  Size Errors  7 32(19.2%) <<  (a) (b) <-classified as  ---- ----  79 (a): class BAIK  32 56 (b): class CUKUP  Attribute usage:  100.00% MAT103  83.23% MAT217 |

1. DATA 6

**AKURASI : 90.90**

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| Confusion Matrix and Statistics  Reference  Prediction BAIK CUKUP  BAIK 3 0  CUKUP 1 7 |

**DESKRIPSI**

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| Decision tree:  KOM331 in {A,AB,B}: BAIK (42/11)  KOM331 in {BC,C,D}: CUKUP (55/17)  Rules:  Rule 1: (42/11, lift 1.5)  KOM331 in {A, AB, B}  -> class BAIK [0.727]  Rule 2: (55/17, lift 1.4)  KOM331 in {BC, C, D}  -> class CUKUP [0.684]  Default class: CUKUP  Evaluation on training data (97 cases):  Decision Tree  ----------------  Size Errors  2 28(28.9%) <<  (a) (b) <-classified as  ---- ----  31 17 (a): class BAIK  11 38 (b): class CUKUP  Attribute usage:  100.00% KOM331 |

1. DATA 7

**AKURASI : 80**

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| Confusion Matrix and Statistics  Reference  Prediction BAIK CUKUP  BAIK 6 0  CUKUP 3 6 |

**DESKRIPSI**

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| Decision tree:  MAT100 = A: BAIK (62/16)  MAT100 in {AB,B,BC,C,D,E}: CUKUP (69/18)  Rules:  Rule 1: (62/16, lift 1.5)  MAT100 = A  -> class BAIK [0.734]  Rule 2: (69/18, lift 1.4)  MAT100 in {AB, B, BC, C, D, E}  -> class CUKUP [0.732]  Default class: CUKUP  Evaluation on training data (131 cases):  Decision Tree  ----------------  Size Errors  2 34(26.0%) <<  (a) (b) <-classified as  ---- ----  46 18 (a): class BAIK  16 51 (b): class CUKUP  Attribute usage:  100.00% MAT100 |

1. DATA 8

**AKURASI :85**

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| Confusion Matrix and Statistics  Reference  Prediction BAIK CUKUP  BAIK 13 3  CUKUP 0 4 |

**DESKRIPSI**

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| Decision tree:  KOM206 in {C,D}: CUKUP (25)  KOM206 in {A,AB,B,BC}:  :...KOM311 in {B,C}: BAIK (100/37)  KOM311 in {BC,D}: CUKUP (13/3)  KOM311 = A:  :...KOM206 in {A,B}: CUKUP (6)  : KOM206 in {AB,BC}: BAIK (14/3)  KOM311 = AB:  :...KOM206 = A: BAIK (6)  KOM206 in {AB,B,BC}: CUKUP (8)  Rules:  Rule 1: (6, lift 1.8)  KOM206 = A  KOM311 = AB  -> class BAIK [0.875]  Rule 2: (14/3, lift 1.6)  KOM206 in {AB, BC}  KOM311 = A  -> class BAIK [0.750]  Rule 3: (100/37, lift 1.3)  KOM206 in {A, AB, B, BC}  KOM311 in {B, C}  -> class BAIK [0.627]  Rule 4: (25, lift 1.9)  KOM206 in {C, D}  -> class CUKUP [0.963]  Rule 5: (8, lift 1.7)  KOM206 in {AB, B, BC}  KOM311 = AB  -> class CUKUP [0.900]  Rule 6: (6, lift 1.7)  KOM206 in {A, B}  KOM311 = A  -> class CUKUP [0.875]  Rule 7: (16/3, lift 1.5)  KOM311 in {BC, D}  -> class CUKUP [0.778]  Default class: CUKUP  Evaluation on training data (172 cases):  Decision Tree  ----------------  Size Errors  7 43(25.0%) <<  (a) (b) <-classified as  ---- ----  80 3 (a): class BAIK  40 49 (b): class CUKUP  Attribute usage:  100.00% KOM206  85.47% KOM311 |