

## A4: Decision Trees

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2016PH10575

### Brief Description:

- Gini Index was used as splitting criterion
- Tree growth was stopped after a fixed depth (=9) because of overfitting
- Minimum example criteria for leaf nodes was used
- Splitting on continuous columns was done by dividing into bins

Final Accuracy on validation set: 79.33

Following graph shows validation accuracy vs. no. of nodes:

