



Data Mining with Weka

Be a classifier!

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Interactive decision tree construction

- ❖ Load `segmentchallenge.arff`; look at dataset
- ❖ Select `UserClassifier` (tree classifier)
- ❖ Use the test set `segmenttest.arff`
- ❖ Examine data visualizer and tree visualizer
- ❖ Plot `regioncentroidrow` vs `intensitymean`
- ❖ Rectangle, Polygon and Polyline selection tools
- ❖ ... several selections ...
- ❖ Rightclick in `Tree visualizer` and `Accept the tree`

Over to you: how well can you do?

Be a classifier!

- ❖ Build a tree: what strategy did you use?
- ❖ Given enough time, you could produce a “perfect” tree for the dataset
 - but would it perform well on the test data?