Decision trees

- Easy to interpret and to explain
- Poor representative power
- Greedy growth procedure ⇒ suboptimal resulting tree
- Offline training
- Very sensitive to noise in the input data

Bagging

Random Forests

- RF = decision trees + random feature selection + Bagging
- Robust, scalable, out-of-the-box classifier
- ⇒ excellent multi-purpose benchmarking algorithm!