

Decision Tree Learning from Scratch

The Power of Ensembles

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What is Decision Tree Learning?

- Supervised Learning.
- A Flowchart where internal nodes represent a test for the data.
- Leaf nodes apply classification label and or regression.
- Recursive Binary Partitioning → Binary Trees

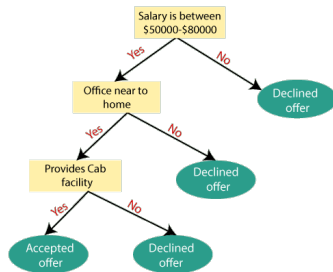


Figure: Decision Tree Example

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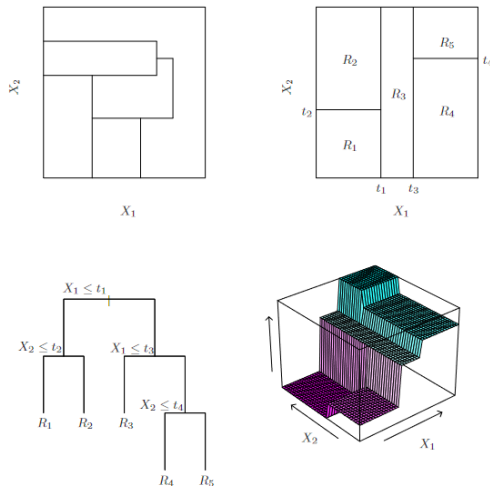


Figure: E.S.L. Friedman, Hastie, Tibshirani