Decision Tree

1400/08/29

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Decision Tree

Instances

Attribute

Hypothesis

Target Hypothesis

Sample

Training Set

Testing Set

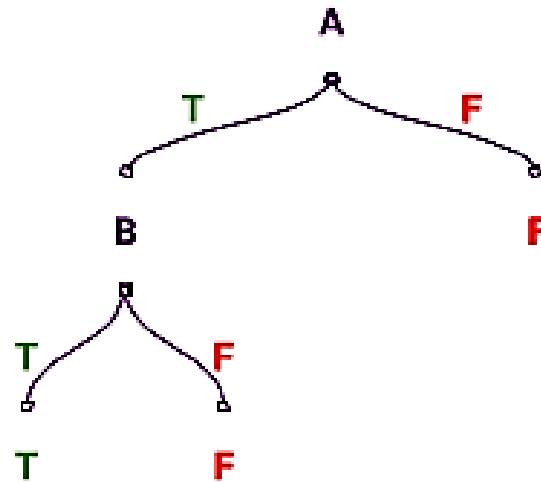goal of Decision Tree method

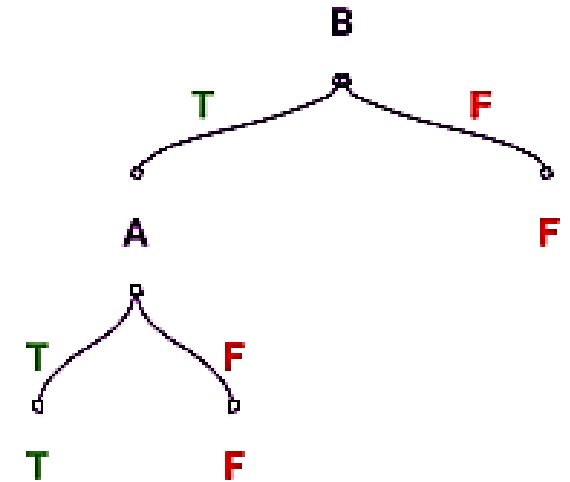Amir Shokri

Examples

AND

OR

XOR

NOR

NAND

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"AND"

A	B	A AND B
F	F	F
F	T	F
T	F	F
T	T	T

OR

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"OR"

A	B	A OR B
F	F	F
F	T	T
T	F	T
T	T	T
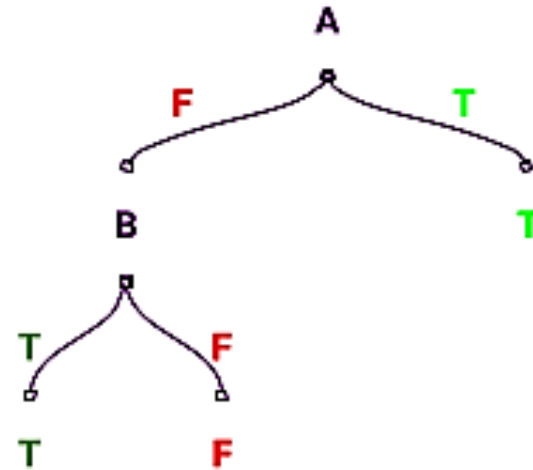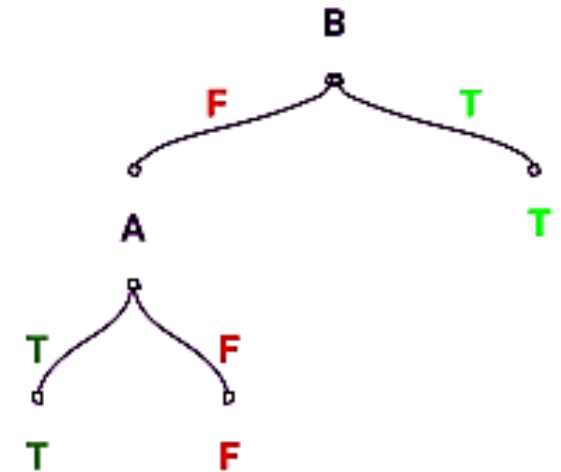
"XOR"

A	B	A XOR B
F	F	F
F	T	T
T	F	T
T	T	F

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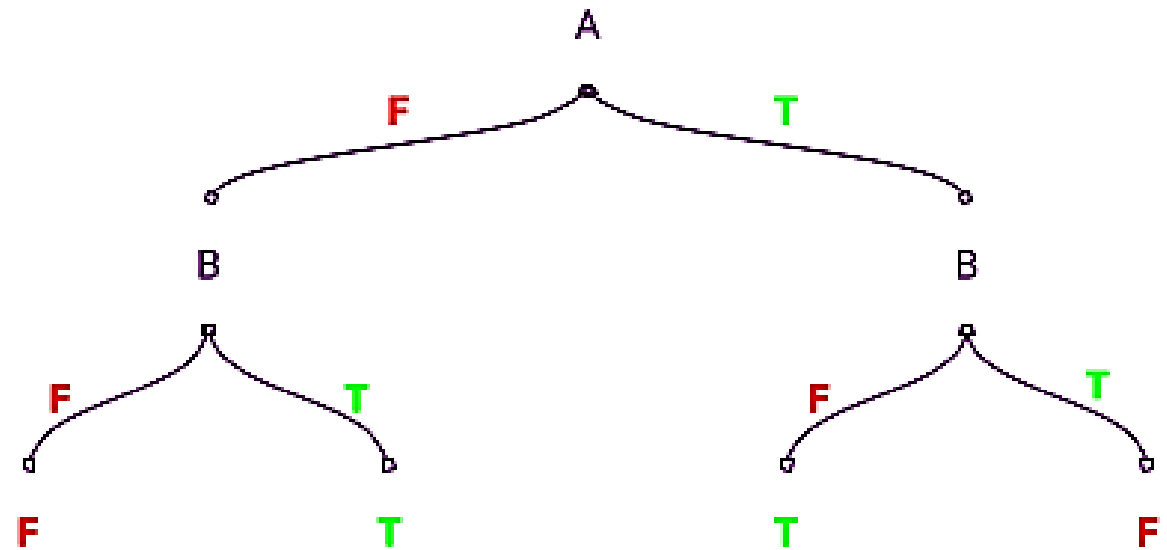
"NAND"

A	B	A NAND B
F	F	T
F	T	T
T	F	T
T	T	F

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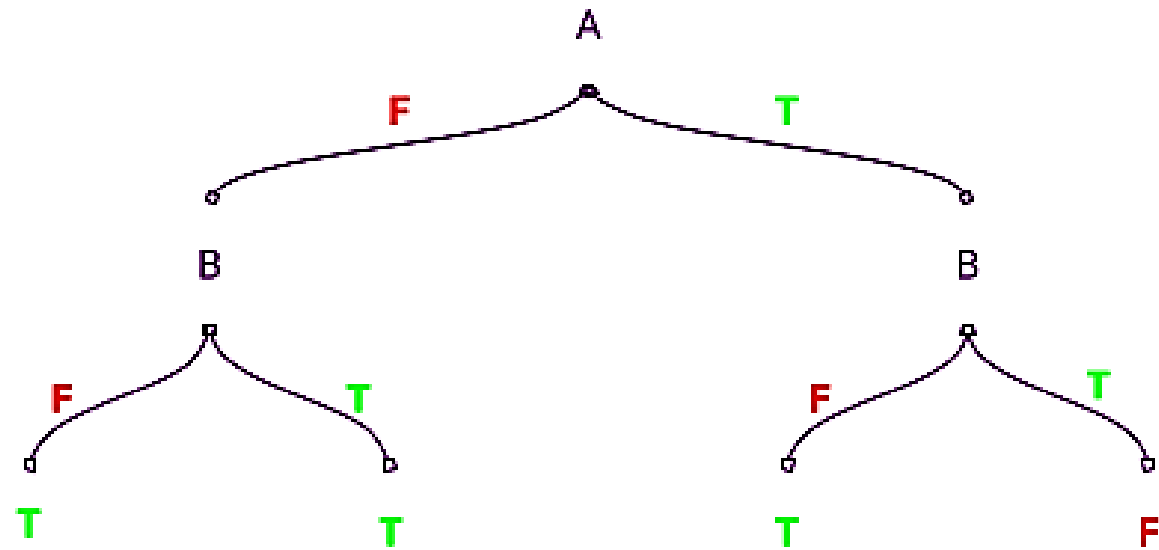
"NOR"

A	B	A NOR B
F	F	T
F	T	F
T	F	F
T	T	F

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References

https://www.hackerearth.com/practice/machine-learning/machine-learning-algorithms/ml-decision-tree/tutorial/

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