# **Intuition behind decision trees**

## **Predicting Loan defaults with decision trees**

Diagram

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## **Intuition behind decision trees**

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## **Task of learning decision trees from data**

Diagram

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Diagram

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Text, letter

Description automatically generated

Chart

Description automatically generated with medium confidence

Diagram

Description automatically generated with low confidence

# **Learning decision trees**

## **Recursive Greedy Algorithm**

Chart, waterfall chart

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Diagram

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## **Learning a decision stump**

Graphical user interface, text, application

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Chart, waterfall chart

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Diagram

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## **Selecting best features to split on**

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Diagram, timeline

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Diagram

Description automatically generated

Timeline

Description automatically generatedText

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Description automatically generated

## **When to stop recursing**

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Diagram

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Graphical user interface

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# **Using the learned decision tree**

# **Learning decision trees with continuous inputs**

# **Summarizing decision trees**