

- Decision Trees in Machine Learning
- 1984: Leo Breiman and CART
 - Build Model
 - Decisions Driven by Data and Scores
 - Strategic Considerations
 - Other Uses of Trees
 - Other Advantages of Trees
- How Do Decision Trees Work?
 - Build Model
 - Selecting Records
 - A Decision Tree Algorithm
- CART Classification Trees
 - Gini Coefficient
 - Pruning
 - Balance: Default Cut
 - Forcing Balance
 - Forcing High Purity
 - Surrogates
- CART Regression Trees
 - Regression Tree
 - Overfitting
- Other Tree Algorithms
 - Understanding CHAID
 - Scale
 - Nominal
 - Four Algorithms Compared
 - The Roshomon Effect
- Tree vs. Ruleset
 - Build Model
 - Initial Tree Output
 - Tree Converted Into Rules
 - PMML
- Confidence vs. Propensity
 - Confidence Scores
 - Propensity Scores
- Concluding Thoughts