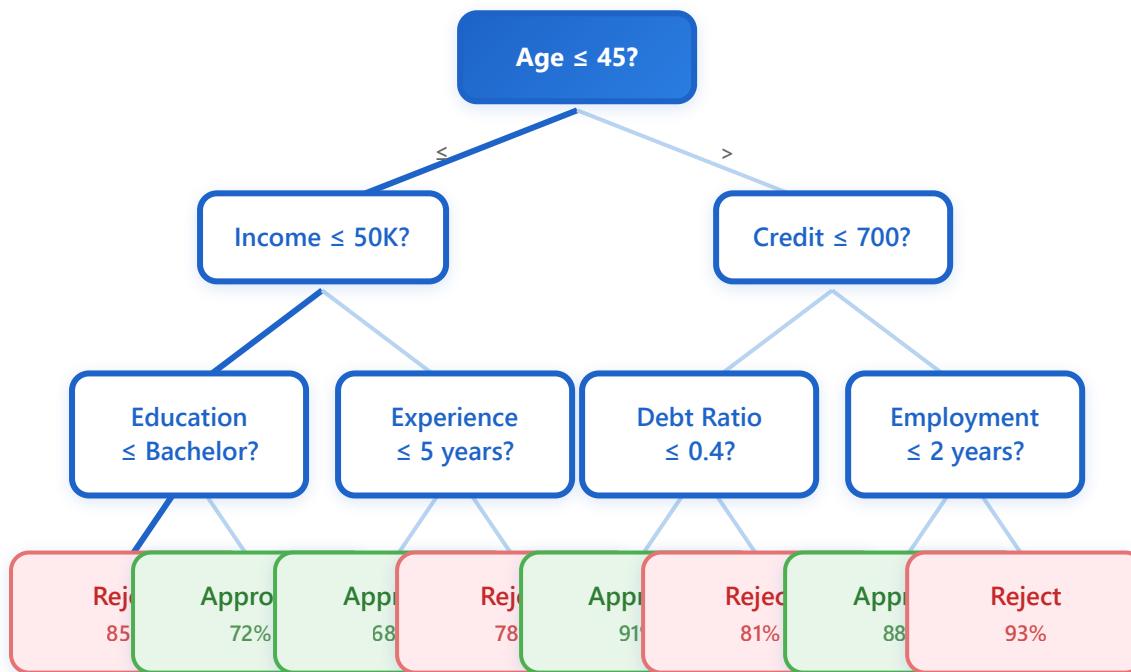


Decision Tree Structure



If-Then Rules

Binary splits create human-readable decision paths

Complete Path

Full decision logic visible from root to leaf

Feature Importance

Determined by split frequency and information gain

Natural Interactions

Hierarchical splits handle feature interactions

Trade-offs

Deep trees lose interpretability; pruning balances accuracy

- Decision Node
- Approve Outcome
- Reject Outcome