

# Final Project

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## **Abstract**

DTs (Decision trees) are a popular class of predictive modeling, widely used for its interpretability and good performance. However, DTs are not without their drawbacks. DTs can be thought of as a mixed integer programming problem, which allows for combinatorial decisions at each node. Good accuracy can be achieved with MIP decision trees.

## **Problem Description**

## **Solution Specification**

## **Analysis**

- Clearly, the DT is going to take longer than the

## **Appendix**