

Homework 4: Decision Trees

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DO NOT POLLUTE! AVOID PRINTING, OR PRINT 2-SIDED MULTIPAGE.

Problem 4.1

Passenger Class: First class is zero and other classes are 1.

Sex: I left sex alone, since it was already binary.

Age: I split age based on the median. If you were above the median age, you get 1, otherwise 0.

Siblings/Spouse: I chose 0 for no siblings/spouses and 1 for any number of them.

Parents/Children: Similarly, I chose 0 for no parents/children and 1 for any

Fare: I split fare based on the median.

Problem 4.2