

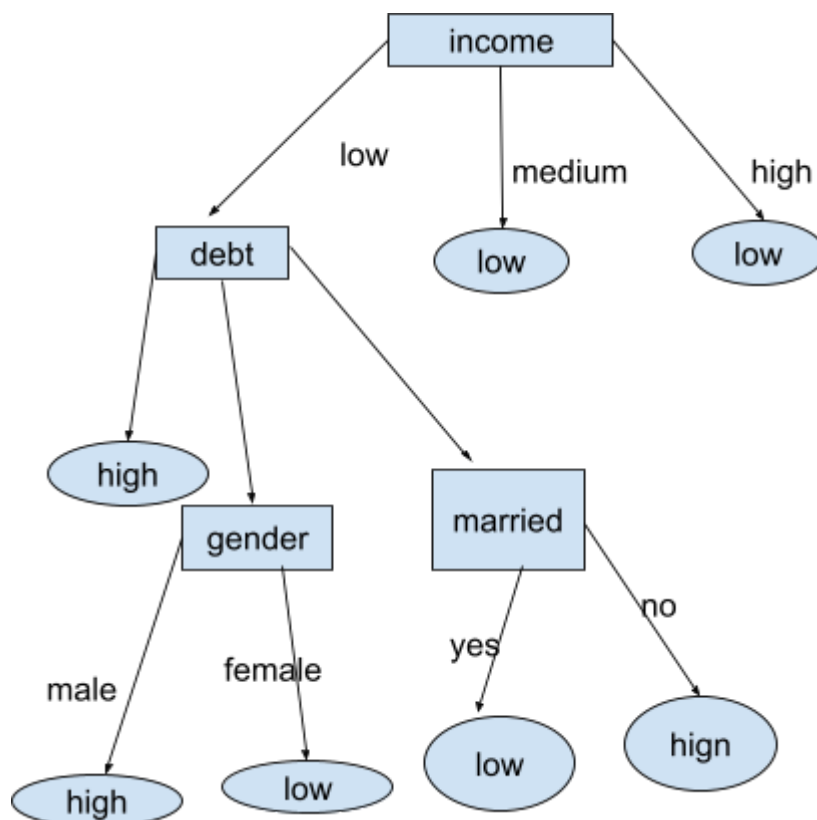
539 ML Homework One

Part two: Credit Risk Prediction

Task 2-1:

Decision Tree

- We can use entropy function and combine the information gain function, then we can get the tree.



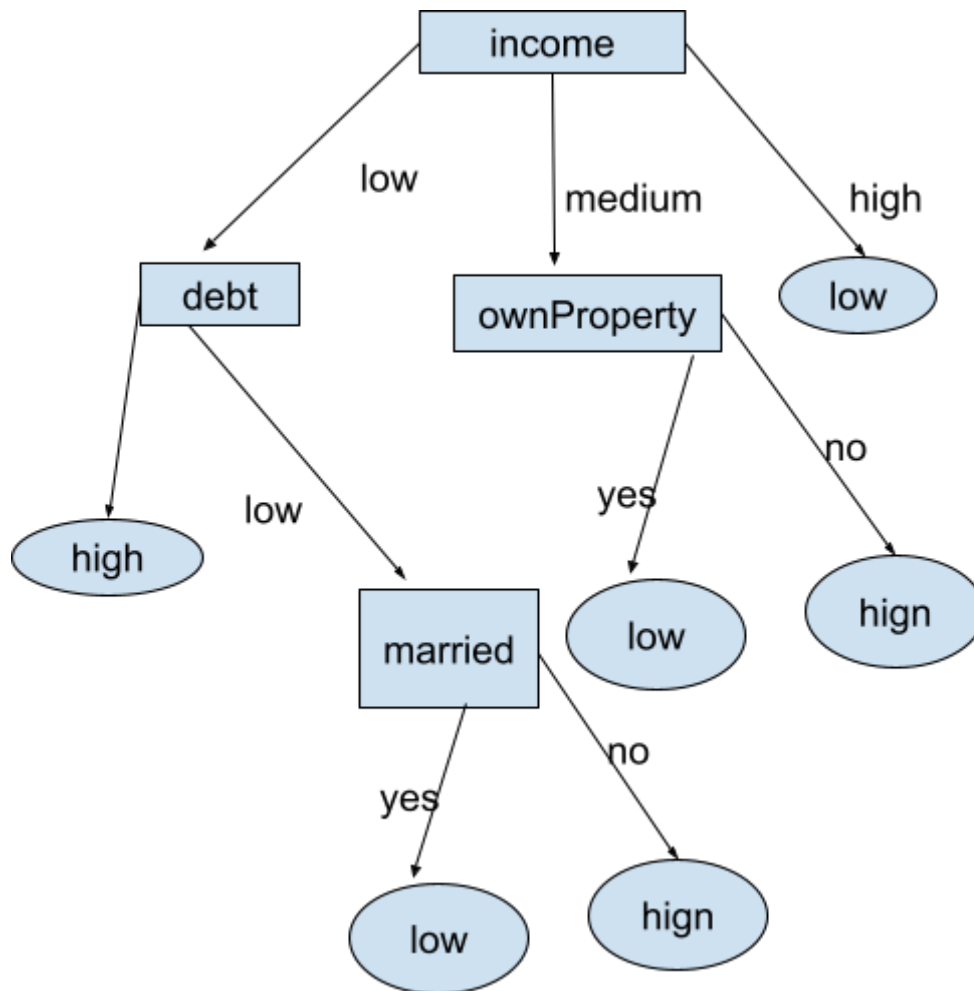
predicted credit risk of Tom and Ana

Tom: low

ana: low

Task 2-1: Decision tree if Sofia's credit risk is high instead of low

Decision Tree



predicted credit risk of Tom and Ana

Tom: low

ana: low