Classmate

Date
Page 35/11/5051 2019103855 Pranava Raman BMS 103 algorithm print
To implement 1D3 algorithm
for decision free using the party and
inis dataset. Je all examples have some label:
- networn leaf with that label to test:

-return leaf with most common (abe) - Choose the feature & that maximizes - information gain of S to be the next - node using: Crain (S,F) = Entropy (S) -Evalues [S] Fentropy (S) - add a branch from the node for - each possible vally j in F - for each branch: prom the set of features * recursive call the algorithm with 5} +0 compute the gain relative to the workent set of examples