

CSE151A HW2

Chi Gao

February 2020

1 Solution

1. The entire graph is included in the test-output folder
2. The training error is 0, as expected from a decision tree model. The test error is 0.171
3. The graph is included as well, it just collapse the immediate child of the root node.
 - (a) Collapsing one node:
validation error: 0.122; test error: 0.117
 - (b) Collapsing two nodes:
validation error: 0.107; test error: 0.103
4. It would make sense that the payment delay of the most recent month would be a great indicator of whether a user is likely to default on this month's payment