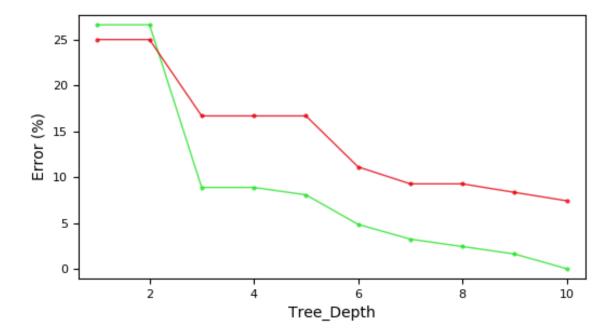
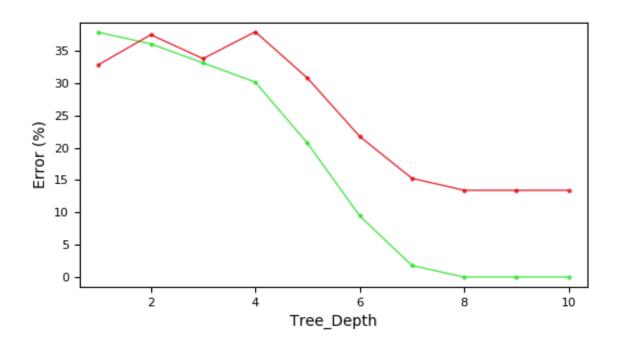
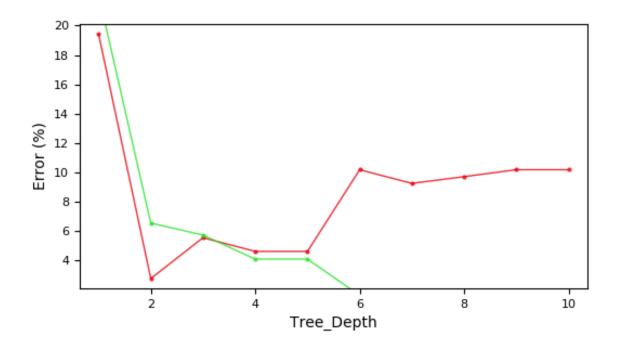
# **ID3 Decision Tree - Project 1**

## **A. Learning Curves:**







#### **B. Weak Learners:**

{(5, 1, True): 1, (5, 1, False): 0}

====== Depth: 1 ======

TP: 108 FN: 108 FP: 0 TN: 216

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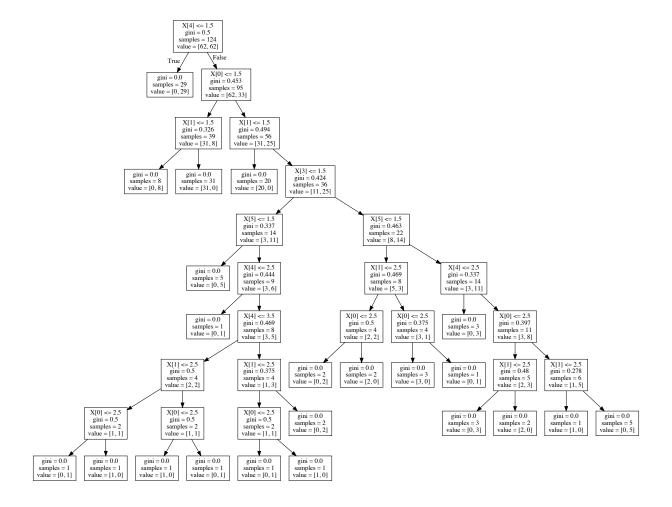
{(5, 1, True): 1, (5, 1, False): {(1, 1, True): 0, (1, 1, False): 0}}

====== Depth: 2 ======

TP: 108 FN: 108 FP: 0 TN: 216

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#### C. Scikit-Learn:



[[183 15] [ 33 201]]

### **D. Other Dataset - Adult Income:**