

Practice Problems

1. When splitting a node, we find the best feature to split on that minimizes error (cost).
 - a. True
 - b. False
2. Which of the features (x_1, x_2, x_3) will a decision tree split on?

x_1	x_2	x_3	y
1	1	1	+1
0	1	0	+1
0	1	1	-1
1	0	0	-1

3. From the class example, what kind of person would be an ideal date for you on Tinder?
4. How many branches should decision trees have?
 - a. 2
 - b. 3
 - c. 7
 - d. There is no minimum requirement
5. What distribution should the data set assume for decision trees?