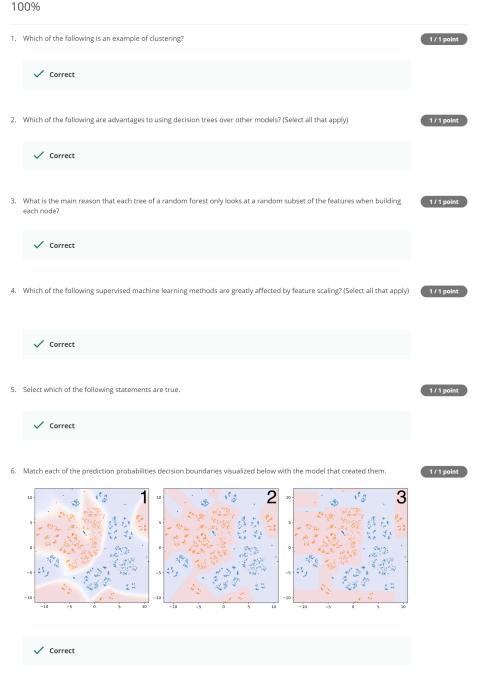
grade 100%

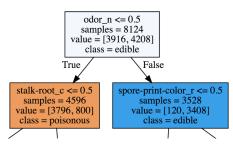
1 / 1 point

Module 4 Quiz

LATEST SUBMISSION GRADE

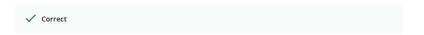


A decision tree of depth 2 is visualized below. Using the `value` attribute of each leaf, find the accuracy score for the tree
of depth 2 and the accuracy score for a tree of depth 1.





What is the improvement in accuracy between the model of depth 1 and the model of depth 2? (i.e. accuracy2 - accuracy1)



8. For the autograded assignment in this module, you will create a classifier to predict whether a given blight ticket will be paid on time (See the module 4 assignment notebook for a more detailed description). Which of the following features should be removed from the training of the model to prevent data leakage? (Select all that apply)

1/1 point

✓ Correct

9. Which of the following might be good ways to help prevent a data leakage situation?

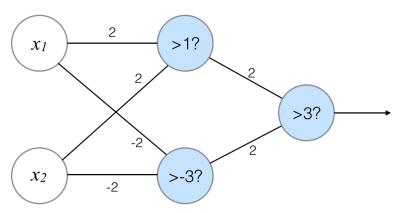
1 / 1 point

✓ Correct

10. Given the neural network below, find the correct outputs for the given values of x1 and x2.

1/1 point

The neurons that are shaded have an activation threshold, e.g. the neuron with >12 will be activated and output 1 if the input is greater than 1 and will output 0 otherwise.



✓ Correct