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Practice quiz: Tree ensembles

Graded Quiz • 30 min

Due Feb 19, 11:59 PM EET

Item Navigation

Congratulations! You passed!

Grade received 100%

Practice quiz: Tree ensembles

Quiz • 30 min

To pass 80% or higher

Go to next item

Submit your assignment

Due Feb 19, 11:59 PM EET

Try again

1.

1 / 1 point

Remind me later

Tree ensemble

New test example



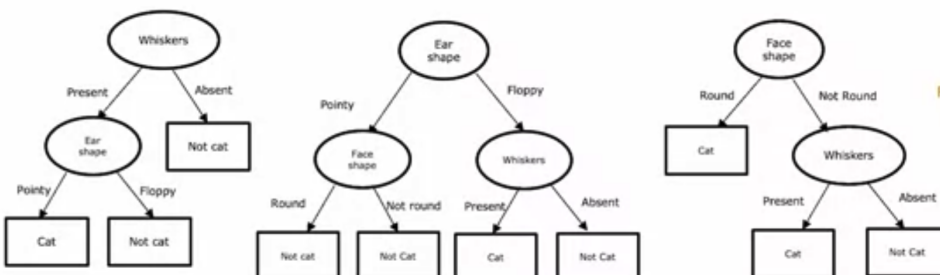
Ear shape: Pointy
Face shape: Not Round
Whiskers: Present

Re

To Pass

Your g

100%



For the random forest, how do you build each individual tree so that they are not identical to each other?

View Feedback

We keep your highest score

- ☐ Train the algorithm multiple times on the same training set. This will naturally result in different trees.



Like



Dislike



Report an issue

- ☐ Sample the training data without replacement

- ☐ If you are training B trees, train each one on 1/B of the training set, so each tree is trained on a distinct set of examples.

- ☒ Sample the training data with replacement



Correct

