

Summer Analytics 2022

A primer course on Data Science and Machine Learning

Week 4 Quiz (Graded)

Total points 28/30

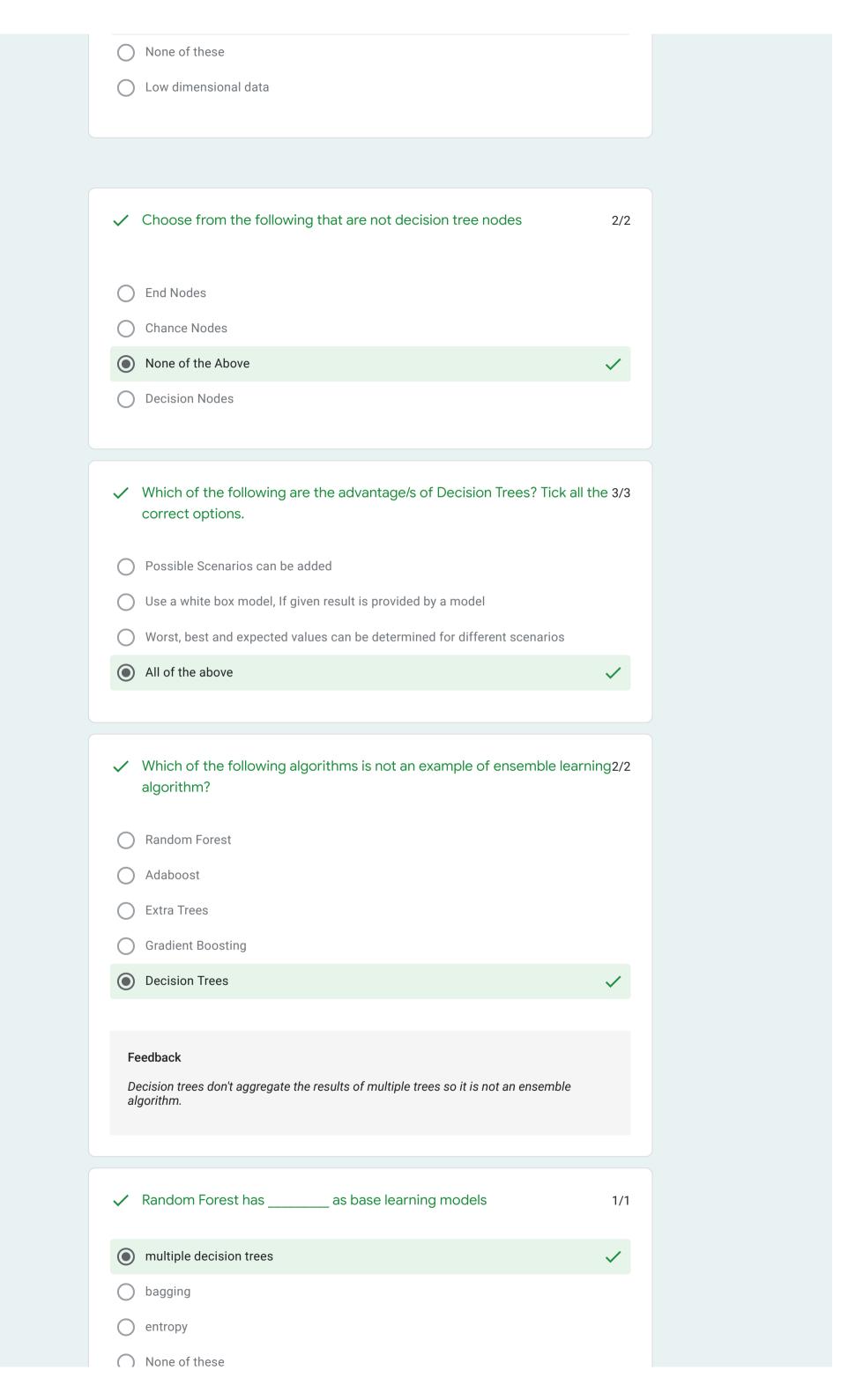


Hope that you've gone through the course content for week-4 as well as the covered assignment before attempting the quiz.

- This form accepts the solution only once, so make sure you don't press the submit button

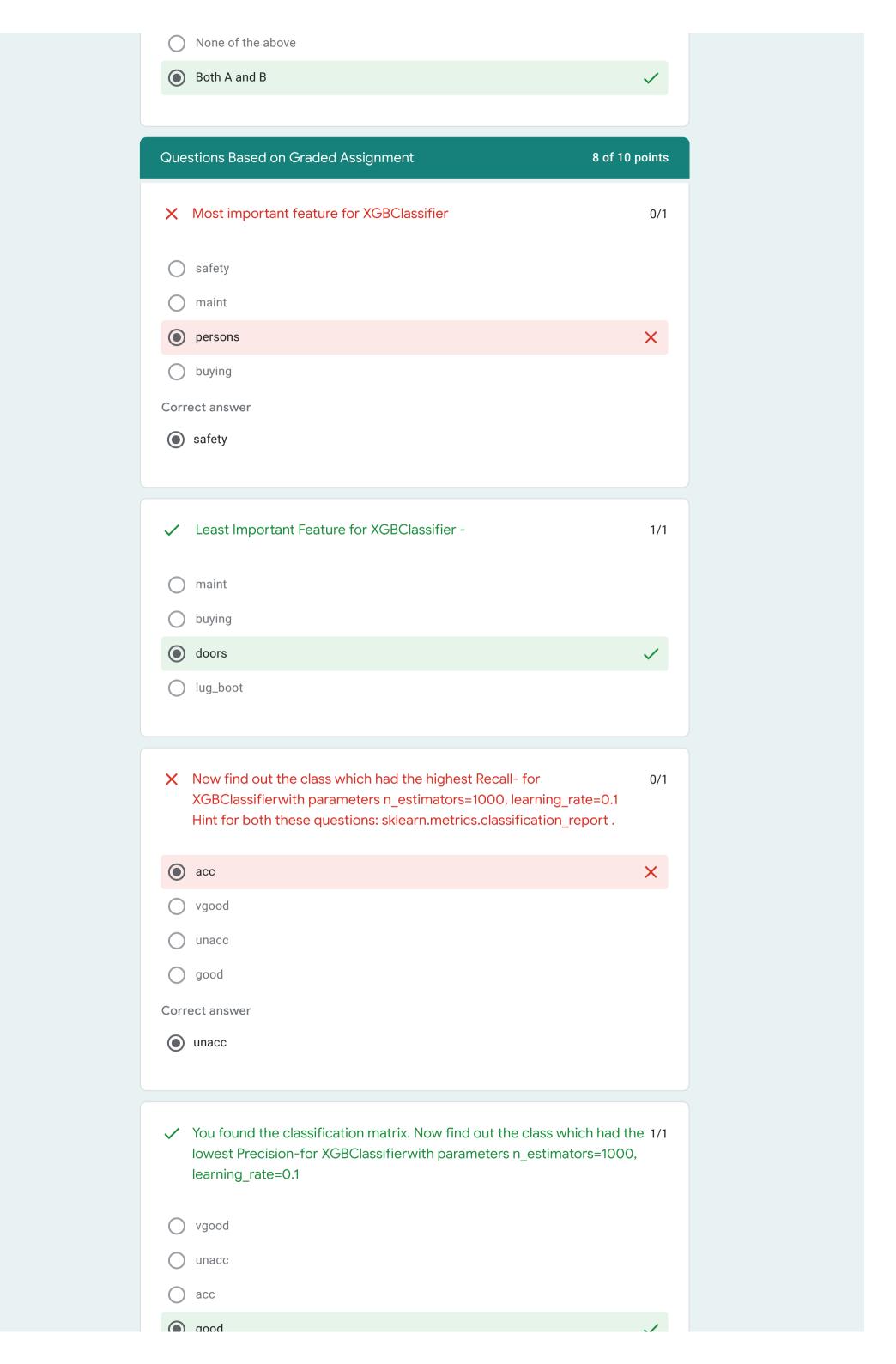
accidentally. No requests will be entertained. - Use the SAME email ID which you used for registering for Summer Analytics 2022. - Please follow the honor code, which otherwise may lead to harsh actions being tal	
All the best :)	
Email *	
hridayagrawal0102@gmail.com	
0	of 0 points
Name *	
Hriday Agrawal	
Enrolment ID * This is a 5-digit number of the form XXXXX. It can be found in the enrolment confirmation mail you.	sent to
41395	
Are you from IIT Guwahati ? *	
Yes	
No No	
If you are from IIT Guwahati , provide your roll no.	
Graded Quiz 20 of	20 points
✓ Decision trees can handle	2/2
Medium dimensional data	

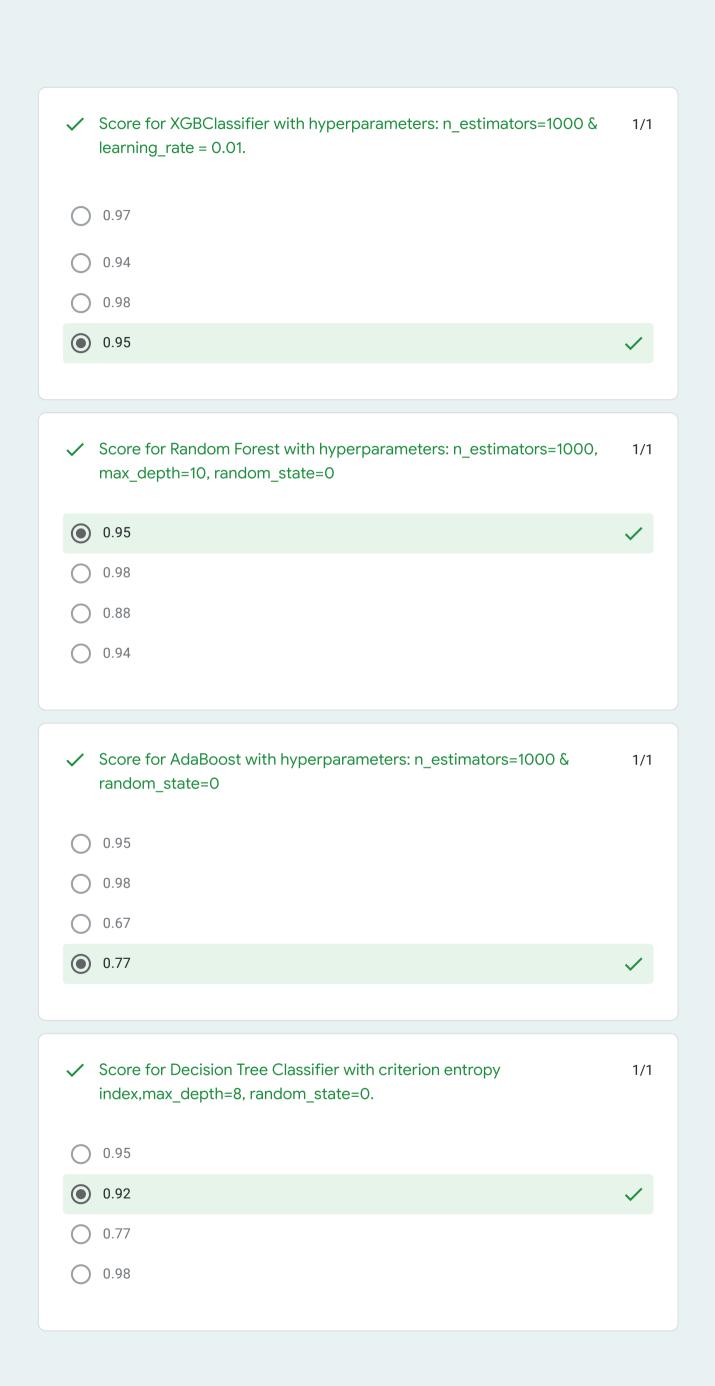
Graded Quiz	20 of 20 points
✓ Decision trees can handle	2/2
Medium dimensional data	
high dimensional data	✓

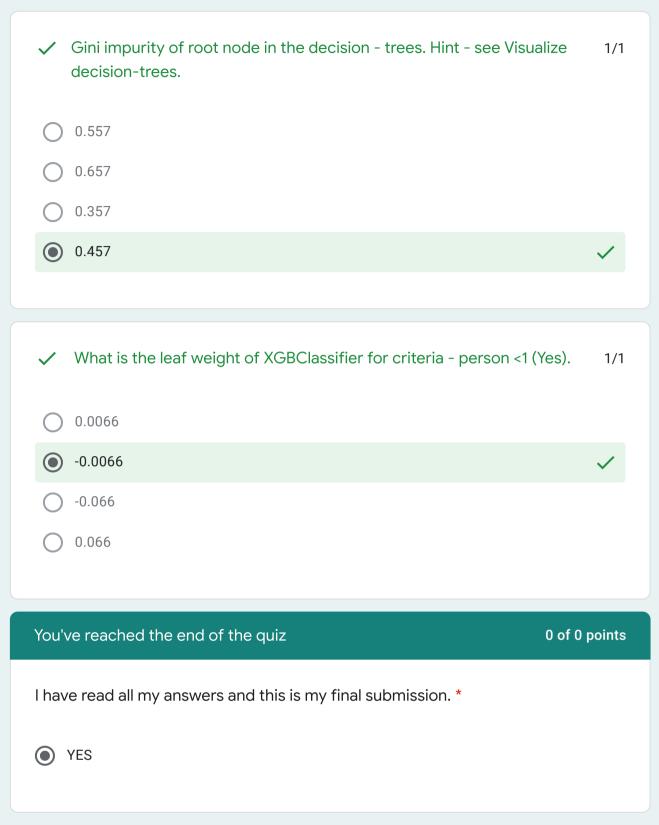


✓	Which of the following is/are true about Random Forest and Gradient Boosting ensemble methods?	3/3
~	Both methods can be used for classification task	✓
	Random Forest is use for classification whereas Gradient Boosting is use for regression task	
	Random Forest is use for regression whereas Gradient Boosting is use for Classification task	
	Both methods can be used for regression task	✓
✓	Machine Learning technique that helps in detecting the outliers in data.	2/2
\bigcirc	Clustering	
\bigcirc	Classification	
•	Anomaly Detection	✓
0	All of the above	
<u> </u>	Which of the following is true about the Gradient Boosting trees?	2/2
0	In each stage, introduce a new regression tree to compensate the shortcomings existing model	of
\bigcirc	We can use gradient decent method for minimize the loss function	
0	Neither A nor B	
•	Both A and B	✓
✓	True or false: Traditionally, XGBoost is slower than lightGBM but it achieves faster training through the Histogram binning process.	1/1
•	True	✓
0	False	
~	Which of the following is true about Naive Bayes ?	2/2
	assumes that all the features in a dataset are equally important	
\bigcirc	assumes that all the features in a dataset are independent	

!







This content is neither created nor endorsed by Google. - <u>Terms of Service</u> - <u>Privacy Policy</u>

Google Forms