Exploring Ensemble Methods

9 试题

1 point

1.
What percentage of the predictions on sample_validation_data did model_5 get correct?

- 25%
- 50%
- 75%
- 100%

1 point

2.
According to **model_5**, which loan is the least likely to be a safe loan?

- First
- Second
- Third
- Fourth

1 point

3. What is the number of false positives on the validation data?

1618

---

1 point

4.
Using the same costs of the false positives and false negatives, what is the cost of the mistakes made by the boosted tree model (model_5) as evaluated on the validation_set?

46990000

---

1 point

5.
What grades are the top 5 loans?

- (●) A
- ( ) B
- ( ) C
- ( ) D
- ( ) E

---

1 point

6.
Which model has the best accuracy on the validation_data?

- ( ) model_10

- model_50
- model_100
- model_200
- model_500

---

1 point

7.
Is it always true that the model with the most trees will perform best on the test/validation set?

- Yes, a model with more trees will ALWAYS perform better on the test/validation set.
- No, a model with more trees does not always perform better on the test/validation set.

---

1 point

8.
Does the training error reduce as the number of trees increases?

- Yes
- No

---

1 point

9.
Is it always true that the test/validation error will reduce as the number of trees increases?

- Yes, it is ALWAYS true that the test/validation error will reduce as the number of trees increases.

No, the test/validation error will not necessarily always reduce as the number of trees increases.

I, **伟臣 沈**, understand that submitting work that isn't my own may result in permanent failure of this course or deactivation of my Coursera account.
了解荣誉准则的更多信息

提交测试
