Predicting sentiment from product reviews

12 试题

1 point

1. How many weights are greater than or equal to 0?

86827

1 point

2.
Of the three data points in sample_test_data, which one has the lowest probability of being classified as a positive review?

- ○ First
- ○ Second
- ● Third

1 point

✗ 3.
Which of the following products are represented in the 20 most positive reviews?

- ☑ Snuza Portable Baby Movement Monitor
- ☐

- [ ] MamaDoo Kids Foldable Play Yard Mattress Topper, Blue
- [ ] Britax Decathlon Convertible Car Seat, Tiffany
- [ ] Safety 1st Exchangeable Tip 3 in 1 Thermometer

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1 point

4.
Which of the following products are represented in the 20 most negative reviews?

- [x] The First Years True Choice P400 Premium Digital Monitor, 2 Parent Unit
- [ ] JP Lizzy Chocolate Ice Classic Tote Set
- [x] Peg-Perego Tatamia High Chair, White Latte
- [x] Safety 1st High-Def Digital Monitor

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1 point

5.
What is the accuracy of the sentiment_model on the test_data? Round your answer to 2 decimal places (e.g. 0.76).

0.93

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1 point

6.
Does a higher accuracy value on the training_data always imply that the classifier is better?

- ( ) Yes, higher accuracy on training data always implies that the classifier is better.

- [ ] No, higher accuracy on training data does not necessarily imply that the classifier is better.

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1 point

7.
Consider the coefficients of simple_model. There should be 21 of them, an intercept term + one for each word in significant_words.

How many of the 20 coefficients (corresponding to the 20 significant_words and excluding the intercept term) are positive for the simple_model?

10

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1 point

8.
Are the positive words in the simple_model also positive words in the sentiment_model?

- (•) Yes
- ( ) No

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1 point

9.
Which model (sentiment_model or simple_model) has higher accuracy on the TRAINING set?

- (•) Sentiment_model
- ( ) Simple_model

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1 point

10.
Which model (sentiment_model or simple_model) has higher accuracy on the TEST set?

- (●) Sentiment_model
- ( ) Simple_model

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1 point

11.
Enter the accuracy of the majority class classifier model on the test_data. Round your answer to two decimal places (e.g. 0.76).

0.84

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1 point

12.
Is the sentiment_model definitely better than the majority class classifier (the baseline)?

- (●) Yes
- ( ) No

[✓] 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.
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