Predicting sentiment from product reviews

13/13 points earned (100%)

Quiz passed!

Continue Course (/learn/ml-classification/supplement/OyDce/slides-presented-in-this-module)

Back to Week 1 (/learn/ml-classification/home/week/1)

---

1 / 1 points

1.

Are you using GraphLab Create? Please make sure that

1. You are using version 1.8.3 of GraphLab Create. Verify the version of GraphLab Create by running

```
graphlab.version
```

inside the notebook. If your GraphLab version is incorrect, see this post (https://www.coursera.org/learn/ml-classification/supplement/LgZ3I/installing-correct-version-of-graphlab-create) to install version 1.8.3. **This assignment is not guaranteed to work with other versions of GraphLab Create.**

2. You are using the IPython notebook named module-2-linear-classifier-assignment-blank.ipynb obtained from the associated reading.

This question is ungraded. Check one of the three options to confirm.

1 / 1 points

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

---

1 / 1 points

3.
Of the three data points in sample_test_data, which one has the lowest probability of being classified as a positive review?

---

1 / 1 points

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

---

1 / 1 points

5.
Which of the following products are represented in the 20 most negative reviews?

---

1 / 1 points

6.
What is the accuracy of the sentiment_model on the test_data? Round your answer to 2 decimal places (e.g. 0.76).

---

1 / 1 points

7.
Does a higher accuracy value on the training_data always imply that the classifier is better?

---

1 / 1 points

8.
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?

---

1 / 1 points

9.
Are the positive words in the simple_model also positive words in the sentiment_model?

---

1 / 1 points

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

---

1 / 1 points

11.

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

---

1 / 1 points

12.

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

---

1 / 1 points

13.

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