Analyzing product sentiment

11 questions

1.

Out of the 11 words in *selected_words*, which one is most used in the reviews in the dataset?

- awesome
- love
- hate
- bad
- great

2.

Out of the 11 words in *selected_words*, which one is least used in the reviews in the dataset?

- wow
- amazing
- terrible
- awful
- love

3.

Out of the 11 words in *selected_words*, which one got the most positive weight in the *selected_words_model*?

(Tip: when printing the list of coefficients, make sure to use print_rows(rows=12) to print ALL coefficients.)

- [ ] amazing
- [ ] awesome
- [ ] love
- [ ] fantastic
- [ ] terrible

4.

Out of the 11 words in *selected_words*, which one got the most negative weight in the *selected_words_model*?

(Tip: when printing the list of coefficients, make sure to use print_rows(rows=12) to print ALL coefficients.)

- [ ] horrible
- [ ] terrible
- [ ] awful
- [ ] hate
- [ ] love

5.

Which of the following ranges contains the accuracy of the *selected_words_model* on the *test_data*?

- 0.811 to 0.841
- 0.841 to 0.871
- 0.871 to 0.901
- 0.901 to 0.931

6.

Which of the following ranges contains the accuracy of the *sentiment_model* in the IPython Notebook from lecture on the *test_data*?

- 0.811 to 0.841
- 0.841 to 0.871
- 0.871 to 0.901
- 0.901 to 0.931

7.

Which of the following ranges contains the accuracy of the majority class classifier, which simply predicts the majority class on the *test_data?*

- 0.811 to 0.843
- 0.843 to 0.871
- 0.871 to 0.901
- 0.901 to 0.931

8.

How do you compare the different learned models with the baseline approach where we are just predicting the majority class?

- They all performed about the same.
- The model learned using all words performed *much better* than the one using the only the *selected_words*. And, the model learned using the *selected_words* performed much better than just predicting the majority class.
- The model learned using all words performed much better than the other two. The other two approaches performed about the same.
- Predicting the simply majority class performed much better than the other two models.

9.

Which of the following ranges contains the *'predicted_sentiment'* for the most positive review for *'Baby Trend Diaper Champ',* according to the *sentiment_model* from the IPython Notebook from lecture?

- Below 0.7
- 0.7 to 0.8
- 0.8 to 0.9
- 0.9 to 1.0

10.

Consider the most positive review for *'Baby Trend Diaper Champ'* according to the *sentiment_model* from the IPython Notebook from lecture. Which of the following ranges contains the predicted_sentiment for this review, if we use the *selected_words_model* to analyze it?

- Below 0.7
- 0.7 to 0.8

- 0.8 to 0.9
- 0.9 to 1.0

11.

Why is the value of the *predicted_sentiment* for the most positive review found using the *sentiment_model* much more positive than the value predicted using the *selected_words_model*?

- The *sentiment_model* is just too positive about everything.
- The *selected_words_model* is just too negative about everything.
- This review was positive, but used too many of the negative words in *selected_words*.
- None of the *selected_words* appeared in the text of this review.

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