Analyzing product sentiment

11/11 questions correct

Quiz passed!

Continue Course (/learn/ml-foundations/supplement/T3wk6/slides-presented-in-this-module)

Back to Week 3 (/learn/ml-foundations/home/week/3)

1.

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

2.

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

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.)

✔ 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.)

✔ 5.

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

✔ 6.

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

✔ 7.

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

8.

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

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?

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?

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*?