Question 1

1  
point

**1. Question 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**

Question 2

1  
point

**2. Question 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**

Question 3

1  
point

**3. Question 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**

Question 4

1  
point

**4. Question 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**

Question 5

1  
point

**5. Question 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**

Question 6

1  
point

**6. Question 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**

Question 7

1  
point

**7. Question 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**

Question 8

1  
point

**8. Question 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.**

Question 9

1  
point

**9. Question 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**

Question 10

1  
point

**10. Question 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**

Question 11

1  
point

**11. Question 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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