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

68419

**3. 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**

**4. 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

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

**The First Years True Choice P400 Premium Digital Monitor, 2 Parent Unit**

JP Lizzy Chocolate Ice Classic Tote Set

**Peg-Perego Tatamia High Chair, White Latte**

**Safety 1st High-Def Digital Monitor**

**6. What is the accuracy of the sentiment\_model on the test\_data? Round your answer to 2 decimal places (e.g. 0.76).**

0.91

**7. 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.**

**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?**

10

**9. Are the positive words in the simple\_model also positive words in the sentiment\_model?**

**Yes**

No

**10. Which model (sentiment\_model or simple\_model) has higher accuracy on the TRAINING set?**

**Sentiment\_model**

Simple\_model

**11. Which model (sentiment\_model or simple\_model) has higher accuracy on the TEST set?**

**Sentiment\_model**

Simple\_model

**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).**

0.84

**13. Is the sentiment\_model definitely better than the majority class classifier (the baseline)?**

**Yes**

No