Quick Question

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1/1 point (graded)

In the previous video, we used CART and Random Forest to predict sentiment. Let's see how well logistic regression does. Build a logistic regression model (using the training set) to predict "Negative" using all of the independent variables. You may get a warning message after building your model - don't worry (we explain what it means in the explanation).

Now, make predictions using the logistic regression model:

predictions = predict(tweetLog, newdata=testSparse, type="response")

where "tweetLog" should be the name of your logistic regression model. You might also get a warning message after this command, but don't worry - it is due to the same problem as the previous warning message.

Build a confusion matrix (with a threshold of 0.5) and compute the accuracy of the model. What is the accuracy?

0.783098591549296 ✔

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Is this worse or better than the baseline model accuracy of 84.5%? Think about the properties of logistic regression that might make this the case!

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✔ Correct (1/1 point)