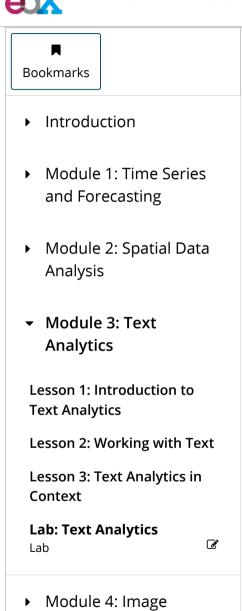


Microsoft: DAT203.3x Applied Machine Learning

Help



Analysis

Module 3: Text Analytics > Lab: Text Analytics > Lab Verification

Lab Verification

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Word Frequency

1/1 point (graded)

After removing whitespace and punctuation, and converting text to lower case:

The word ^the^ is more common than the word ^and^ ▼



Answer: The word ^the^ is more common than the word ^and^

Explanation

Review the output generated in the lab to see the frequency of each word after normaizing the text.

Submit

You have used 1 of 2 attempts

Correct (1/1 point)

Tweet Sentiment Prediction

1/1 point (graded)

You published an Azure ML model as a web service to classify tweets by sentiment.

▶ Final Exam and Survey

Which of the following tweets were classified as positive?

- ✓ I love machine learning. It's great!
- This course is so much fun I love taking classes that are great it's my favorite thing to do
- ☐ I'm sad because the course will be over soon



Note: Make sure you select all of the correct options—there may be more than one!

Explanation

The first two tweets generated a scored label value of 1, indiocating that they are positive. The scored label for the third tweet was -1.

Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)

Sentiment Probability

3/3 points (graded)

The Azure ML web service also returned the probability for each predicted sentiment classification.

Enter the probability (rounded to TWO decimal places) for each tweet	t.	
I love machine learning. It's great!		
0.94 ✓ Answer: 0.94		
0.94		
This course is so much fun I love taking classes that are great it's my f	favorite thing	to do
0.92 ✓ Answer : 0.92		
0.92		
I'm sad because the course will be over soon		
0.16 ✓ Answer: 0.16		
0.16		
Explanation The complete results from the web service are:		
Tweet	Scored Labels	Scored Probability
I love machine learning. It's great!	1	0.93583

This course is so much fun I love taking classes that are great it's my		
favorite thing to do	1	0.91950
I'm sad because the course will be over soon	-1	0.16402
Submit Var have used 1 of 2 attempts		
Submit You have used 1 of 2 attempts		
✓ Correct (3/3 points)		

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