| bias/variance tradeoff |

Which of the following would be expected of a model with low bias and high variance that is overfitting the data in a classification task:

( ) Low training set accuracy and low test set accuracy

**( ) High training set accuracy and low test set accuracy**

( ) High training set accuracy and high test set accuracy

( ) Low training set accuracy and high test set accuracy

| topic modeling |

Topic modeling is a \_\_\_\_\_\_\_\_\_\_\_.

( ) Technique of only labeling a text.

( ) Technique of changing data labels.

**( ) Technique to understand and extract the hidden topics from large volumes of text.**

( ) None of the above.

| topic modeling |

The words in third person are changed to first person and verbs in past and future tenses are changed into present is then we say words are\_\_\_\_\_\_\_\_\_ .

( ) Stemmed.

**( ) Lemmatized**

( ) Regularized.

( ) None of the above.