UDACITY

< Return to Classroom

NLP on Financial Statements

REVIEW
CODE REVIEW
HISTORY

Meets Specifications

Awesome work. Congratulations. You have acquired all the necessary concepts of this project. All the best. 😃

10-Ks

The function `get_documents` extracts the documents from the text.

Right implementation.

The function `get_document_type` returns the document type lowercased.

Nice and succinct code. 👍🏼

Preprocess the Data

The function `lemmatize_words` lemmatizes verbs.

Correct use of WordNetLemmatizer.

Analysis on 10ks

The function `get_bag_of_words` generates a bag of words from documents.

Correct usage of CountVectorizer.

The function `get_jaccard_similarity` calculates the jaccard similarities for neighboring documents.

Good implementation!

The function `tfidf` generate TFIDF vectors for each document.

Awesome 😃

The function `get_cosine_similarity` calculates the cosine similarities for each neighboring TFIDF vector/document.

Perfectly implemented 👏

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