

Author: Kevin Zen

Makefile : Easy commands to setup local environment.

README.md : How to interact with the repo.

environment.yml : Defines environment dependencies.

ubi_vocab.code-workspace : Ignore - VSCode workspace file.

./data:

all-the-news-2-1.csv : Extracted news article data as csv.

all-the-news-2-1.zip : Zipped news article data as csv

gre_vocab.csv : Cleaned Gre vocab file from magoosh helper.

master_labeled.csv : Final labeled dataset with lesk, pos and bert results for wsd.

labeled_lesk.csv : Ignore: intermediary labeled dataset with lesk results. See master_labeled.csv

labeled_pos_matched.csv : Ignore, contains pos matching algorithm results on labeled data, see master_labeled.csv

labeled_pos_matched_2.csv: Ignore, contains pos matching algorithm results on labeled data, see master_labeled.csv

news_small.csv: A 1k sampled version of all-the-news-2-1.csv

tmp_small_merged_df.csv : Ignore

./ubi_vocab/utils:

__init__.py

__pycache__

api.py : Main interface for replacing words in a body of text with gre vocabulary words.

article_class.py : Defines class to house article data.

constants.py : Defines constants used in project.

data_io.py : Defines reading data methods.

demo.ipynb : Demo interactive notebook shared on binder.

logger_utils.py : Commonly used logging function.

main.py : Non user facing main interactive function, contains eda and main internal functionalities for replacing sentences, and applying WSD techniques.

metrics.py : Calculate metrics like precision, recall, f1 on the results.

pre_process.py : Functions to extract synonyms.

transformer.py : Function to implement baseline BERT model.

wsd.py : LESK and BERT for WSD functions.

./ubi_vocab/utils/__pycache__:

api.cpython-37.pyc

article_class.cpython-37.pyc

constants.cpython-37.pyc

data_io.cpython-37.pyc

logger_utils.cpython-37.pyc

logging.cpython-37.pyc

main.cpython-37.pyc
metrics.cpython-37.pyc
pre_process.cpython-37.pyc
transformer.cpython-37.pyc
wsd.cpython-37.pyc