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pages [pages] took processed [] a pages [pages] and pages [p	papers ("paper text processed she papers p	[]:	4 1994 Neural Network Ensembles, Cross Validation, an Abstract Missing Neural Network Ensembles, Cross\nValidation, a # Load the regular expression library import re # Remove punctuation papers['paper_text_processed'] = \ papers['paper_text'].map(lambda x: re.sub('[,\\.!?]', '', x))	
			<pre>papers['paper_text_processed'] = \ papers['paper_text_processed'].map(lambda x: x.lower()) # # Print out the first rows of papers papers['paper_text_processed'].head() 0 767\n\nself-organization of associative databa 1 683\n\na mean field theory of layer iv of visu 2 394\n\nstoring covariance by the associative\n 3 bayesian query construction for neural\nnetwor 4 neural network ensembles cross\nvalidation and</pre>	
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<pre>import gensim from gensim.uils import simple_preprocess import nitk onlt.kiownload('stopwords') from nitk.corpus import stopwords stop words = stopwords * words('english') stop words = wtend('[from', 'subject', 're', 'edu', 'use']) def sent_to words(sentences); for sentence in sentences; if descor*Troe removes punctuations yield(gensim.utils.simple_preprocess(str(sentence), descor*True)) def remove stopwords(texts); e dirs=[] for word in simple_preprocess(str(doo)); e birs=[] for word in simple_preprocess(str(doo)); e if word not in stop words; e birs="" form dirs"</pre>	<pre>import gensim from gensim.uils import simple_preprocess import nitk onlt.kiownload('stopwords') from nitk.corpus import stopwords stop words = stopwords * words('english') stop words = wtend('[from', 'subject', 're', 'edu', 'use']) def sent_to words(sentences); for sentence in sentences; if descor*Troe removes punctuations yield(gensim.utils.simple_preprocess(str(sentence), descor*True)) def remove stopwords(texts); e dirs=[] for word in simple_preprocess(str(doo)); e birs=[] for word in simple_preprocess(str(doo)); e if word not in stop words; e birs="" form dirs"</pre>	[]:	output may result value cell using problem image given on the control of the cont	
<pre>def remove_stopwords(texts): # dirs=[] for doc in texts: # birs=[] for word in simple_preprocess(str(doc)): if word not in stop_words: if birs.append(word) f final="".join(birs) # dirs.append(final) if word not in stop_words! for doc in texts] data = papers.paper_text_processed.values.tolist() if print(data[1]) # contains all the rows in a list as an individual element # print(data[1]) # contains all the rows in a list as an individual element # print(data[1]) # contains all the rows in a list as an individual element # print(data[1]) # contains all the rows in a list as an individual element # print(data[1]) # remove stopwords (data[1]) # remove stopwords if data_words = list(sent_to_words(data_words)) [nltk_data] Downloading package stopwords to /root/nltk_data [nitk_data]</pre>	<pre>def remove_stopwords(texts): # dirs=[] # for doc in texts: # birs=[] # for word in simple_preprocess(str(doc)): # if word not in stop_words: # birs.append(word) # final="".join(birs) # dirs.append(final) # return dirs return dirs return dirs return dars return dars data = papers.paper_text_processed.values.tolist() # print(data[1]) # contains all the rows in a list as an individual element # print(papers['paper_text_processed']) data_words = list(sent_to_words(data)) #it saves a sentence as a list by treating every word as an alement # print((data_words[1])) # remove stop words # data_words = remove_stopwords(data_words) [nltk_data] Downloading package stopwords to /root/nltk_data [nltk_data] Package stopwords is already up-to-date! import gensim.corpora as corpora # Create Dictionary id2word = corpora.plctionary(data_words) print(id2word) # Create Dictionary id2word = corpora.plctionary(data_words) print(id2word) # Create Corpus texts = data_words print(texts) # Ferm Document Frequency corpus = [id2word.doc2bow(text) for text in texts] # Verew</pre>	[]:	<pre>import gensim from gensim.utils import simple_preprocess import nltk nltk.download('stopwords') from nltk.corpus import stopwords stop_words = stopwords.words('english') stop_words.extend(['from', 'subject', 're', 'edu', 'use']) def sent_to_words(sentences): for sentence in sentences: # deacc=True removes punctuations</pre>	
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