

inverted indexes

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doc1="hi everyone"
doc2="hello how are you feeling today"
doc3="hey listen to me"
l=[doc1,doc2,doc3]
print(l)
#trying with the stop words
stopwords=['ourselves', 'hers', 'between', 'yourself', 'but', 'again', 'there', 'about', 'once', 'during', 'out', 'very', 'having', 'is', 'a', 'in', 'the', 'by', 'on', 'so', '!', '@', '#', '$', '%', ':', '^', '&', '*', '(', ')', '-', '_', '+', '=', '/']##\??

# 'with', 'they', 'own', 'an', 'be', 'some', 'for', 'do', 'its', 'yours', 'such', 'into', 'of', 'most', 'itself', 'other', 'off', 'is', 's',
# 'am', 'or', 'who', 'as', 'from', 'him', 'each', 'the', 'themselves', 'until', 'below', 'are', 'we', 'these', 'your', 'his', 'through',
# 'don', 'nor', 'me', 'were', 'her', 'more', 'himself', 'this', 'down', 'should', 'our', 'their', 'while', 'above', 'both', 'up', 'to', 'ours', 'had', 'she', 'all', 'no', 'when', 'at', 'any', 'before', 'them', 'same', 'and',
# 'been', 'have', 'in', 'will', 'on', 'does', 'yourselves', 'then', 'that', 'because', 'what', 'over', 'why', 'so', 'can', 'did', 'not', 'now', 'under', 'he', 'you', 'herself', 'has', 'just', 'where', 'too', 'only', 'myself', 'which', 'those', 'i', 'after', 'few', 'whom',
# 't', 'being', 'if', 'theirs', 'my', 'against', 'a', 'by', 'doing', 'it', 'how', 'further', 'was', 'here', 'than']
print(stopwords)
['ourselves', 'hers', 'between', 'yourself', 'but', 'again', 'there', 'about', 'once', 'during', 'out', 'very', 'having', 'is', 'a', 'in', 'the', 'by', 'on', 'so', '!', '@', '#', '$', '%', ':', '^', '&', '*', '(', ')', '-', '_', '+', '=', '/']

l1=[]
for i in range(0,len(l)):
    k=l[i].split(" ")
    l1.extend(k)
print(l1)
#removing the duplicates
p=set(l1)
print(p)
p=sorted(p)
d={}
for i in p:
    d.update({i:[]})
print(d)
for i in d.keys():
    for j in range(0,len(l)):
        if i in l[j]:
            d[i].append(j)
print(d)
['hi', 'everyone', 'hello', 'how', 'are', 'you', 'feeling', 'today', 'hey', 'listen', 'to', 'me']
{'hi', 'hello', 'everyone', 'how', 'you', 'hey', 'to', 'me', 'today', 'listen', 'feeling', 'are'}
{'are': [], 'everyone': [], 'feeling': [], 'hello': [], 'hey': [], 'hi': [], 'how': [], 'listen': [], 'me': [], 'to': [], 'today': [], 'you': []}
{'are': [1], 'everyone': [0], 'feeling': [1], 'hello': [1], 'hey': [2], 'hi': [0], 'how': [1], 'listen': [2], 'me': [2], 'to': [1, 2], 'today': [1], 'you': [1]}
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