# Untitled1

October 27, 2021

```python
[3]: from pyhive import hive
     from tabulate import tabulate
     import pandas as pd
```

```python
[5]: conn = hive.
     ↪Connection(host='localhost',port=10000,username='sudnya_mali2',password='258908997239004256'
     cur = conn.cursor()
     df = pd.read_sql('''
     SELECT UserId,UserName,Postscript,Stuc
     from sudnyaview007
     WHERE UserId
     IN
     (
     select UserId from(select UserId,max(UserName),sum(postscores) as scores
     from sudnyaview07
     group by UserId
     order by scores desc limit 10)stack
     )
     order by UserId''', conn)
     display(df)
```

```
     userid  username                                         postscript  \
0      4883  readonly          How do you rename a table in SQLite 3.0?
1      4883  readonly  How do you roll back to the previously deploye...
2      4883  readonly  Why does the checkbox stay checked when reload...
3      4883  readonly  Is it pythonic for a function to return multip...
4      4883  readonly                         List comprehension in Ruby
..      ...       ...                                                ...
420  179736     TIMEX                 Why don't my south migrations work?
421  179736     TIMEX  How can I implement a ListView without ListAct...
422  179736     TIMEX  What's the best way to handle Django's objects...
423  179736     TIMEX  How do I go straight to template, in Django's ...
424  179736     TIMEX      How do I return a 401 Unauthorized in Django?


                                              stuc
0              How do you rename a table in SQLite
1     I tried using quotcap rollbackquot but I get t...
2     Im reloading a web page that has the following...
```

1

```
3     In python you can have a function return multi...
4     To do the equivalent of Python list comprehens...
..                                                  ...
420   First I create my database  create database my...
421   Im new to Android and I really need to do it t...
422   Whenever I do this  thepost  Contentobjectsget...
423   Instead of going to viewspy I want it to go to...
424   Instead of doing this  res  HttpResponseUnauth...

[425 rows x 4 columns]
```

[32]:
```python
df["text"] = df["postscript"] + df["stuc"]
top_10_username = list(df["username"].unique())
top_10_username
```

[32]:
```
['readonly',
 'pupeno',
 'e-satis',
 'Ali',
 'Joan Venge',
 'flybywire',
 'GManNickG',
 'Hamza Yerlikaya',
 'Matthew Rankin',
 'TIMEX']
```

[34]:
```python
from sklearn.feature_extraction.text import TfidfVectorizer

# Calculate sum() of TF-IDF and get top 10 words with highest TF-IDF and select
 ↪only those columns
# Calculate sum() of TF-IDF and get top 10 words with highest TF-IDF and select
 ↪only those columns
def tf_idf(df):
    vectorizer = TfidfVectorizer(stop_words='english', lowercase=True) # Remove
 ↪Stop Words
    response = vectorizer.fit_transform(df["text"]) # Use title field for TF/IDF
    df_tfidf_sklearn = pd.DataFrame(response.toarray(),columns=vectorizer.
 ↪get_feature_names())
    total_tf_idf = df_tfidf_sklearn.sum(axis = 0) # Remove sum of TF/IDF for
 ↪getting top 10 most used words
    top_10_list = total_tf_idf.nlargest(10) # Get top 10 words per user
    top_10_words = list(top_10_list.index) # Get list of top 10 words
    df_tfidf_sklearn[top_10_words] # Select only top 10 words as column
    return df_tfidf_sklearn[top_10_words]
```

```python
for each_user in top_10_username:
    username_id = str(each_user)
    filtered_data = df[(s_df['username']==username_id)] # Filter data only for
 selected user
    tf_idf_df = tf_idf(filtered_data) # pass on to above function
    print("For Username ID TF/IDF table : "+username_id)
    tf_idf_df.insert(0, 'usernameid', username_id)# attach username ID field to
 dataframe
    display(tf_idf_df)

 print("*****************************************************************************************\n\n\n
```

For Username ID TF/IDF table : readonly

| | usernameid | python | use | list | table | way | difference | \ |
|---|---|---|---|---|---|---|---|---|
| 0 | readonly | 0.127064 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |
| 1 | readonly | 0.000000 | 0.000000 | 0.000000 | 0.521156 | 0.000000 | 0.000000 | |
| 2 | readonly | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |
| 3 | readonly | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |
| 4 | readonly | 0.075810 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |
| 5 | readonly | 0.164277 | 0.000000 | 0.430964 | 0.000000 | 0.180761 | 0.000000 | |
| 6 | readonly | 0.000000 | 0.000000 | 0.202044 | 0.000000 | 0.169489 | 0.000000 | |
| 7 | readonly | 0.000000 | 0.198917 | 0.000000 | 0.255265 | 0.099459 | 0.000000 | |
| 8 | readonly | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.181739 | 0.000000 | |
| 9 | readonly | 0.229290 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |
| 10 | readonly | 0.156136 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.220471 | |
| 11 | readonly | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.123956 | 0.000000 | |
| 12 | readonly | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |
| 13 | readonly | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |
| 14 | readonly | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |
| 15 | readonly | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |
| 16 | readonly | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |
| 17 | readonly | 0.000000 | 0.120015 | 0.000000 | 0.308023 | 0.120015 | 0.000000 | |
| 18 | readonly | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |
| 19 | readonly | 0.091125 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |
| 20 | readonly | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |
| 21 | readonly | 0.108905 | 0.239666 | 0.428552 | 0.000000 | 0.000000 | 0.000000 | |
| 22 | readonly | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |
| 23 | readonly | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |
| 24 | readonly | 0.000000 | 0.000000 | 0.144907 | 0.000000 | 0.000000 | 0.000000 | |
| 25 | readonly | 0.203719 | 0.112081 | 0.000000 | 0.000000 | 0.000000 | 0.287660 | |
| 26 | readonly | 0.276282 | 0.000000 | 0.000000 | 0.000000 | 0.152003 | 0.000000 | |
| 27 | readonly | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |
| 28 | readonly | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |
| 29 | readonly | 0.000000 | 0.191672 | 0.000000 | 0.000000 | 0.000000 | 0.491935 | |
| 30 | readonly | 0.000000 | 0.170564 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |
| 31 | readonly | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | |

```
32    readonly   0.000000   0.231741   0.000000   0.000000   0.000000      0.000000

       branch     method    process     rename
0    0.000000   0.000000   0.000000   0.000000
1    0.000000   0.000000   0.000000   0.568902
2    0.000000   0.000000   0.000000   0.000000
3    0.000000   0.000000   0.000000   0.000000
4    0.000000   0.099439   0.000000   0.000000
5    0.000000   0.215482   0.000000   0.000000
6    0.000000   0.000000   0.000000   0.000000
7    0.000000   0.000000   0.382898   0.000000
8    0.000000   0.000000   0.000000   0.000000
9    0.000000   0.401012   0.000000   0.000000
10   0.000000   0.000000   0.000000   0.000000
11   0.347285   0.000000   0.000000   0.000000
12   0.000000   0.000000   0.000000   0.000000
13   0.000000   0.000000   0.000000   0.000000
14   0.000000   0.000000   0.000000   0.000000
15   0.000000   0.000000   0.000000   0.000000
16   0.000000   0.000000   0.187004   0.000000
17   0.000000   0.000000   0.000000   0.336243
18   0.000000   0.000000   0.350231   0.000000
19   0.000000   0.000000   0.000000   0.000000
20   0.000000   0.000000   0.000000   0.000000
21   0.000000   0.000000   0.000000   0.000000
22   0.000000   0.000000   0.000000   0.000000
23   0.000000   0.000000   0.000000   0.000000
24   0.000000   0.000000   0.000000   0.000000
25   0.000000   0.000000   0.000000   0.000000
26   0.000000   0.000000   0.000000   0.000000
27   0.000000   0.209051   0.000000   0.000000
28   0.000000   0.000000   0.000000   0.000000
29   0.000000   0.000000   0.000000   0.000000
30   0.000000   0.000000   0.000000   0.000000
31   0.636117   0.000000   0.000000   0.000000
32   0.000000   0.000000   0.000000   0.000000
```

****************************************************************************

For Username ID TF/IDF table : pupeno

```
   usernameid       file       java    android        git        sql       way  \
0      pupeno   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000
1      pupeno   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000
2      pupeno   0.000000   0.000000   0.000000   0.728914   0.000000   0.000000
3      pupeno   0.000000   0.000000   0.130150   0.000000   0.000000   0.000000
```

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4 | pupeno | 0.000000 | 0.000000 | 0.173267 | 0.000000 | 0.000000 | 0.000000 |
| 5 | pupeno | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.140540 |
| 6 | pupeno | 0.000000 | 0.386413 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 7 | pupeno | 0.000000 | 0.000000 | 0.275010 | 0.000000 | 0.000000 | 0.000000 |
| 8 | pupeno | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.217416 | 0.000000 |
| 9 | pupeno | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 10 | pupeno | 0.000000 | 0.000000 | 0.148040 | 0.000000 | 0.000000 | 0.000000 |
| 11 | pupeno | 0.000000 | 0.000000 | 0.334555 | 0.000000 | 0.000000 | 0.124201 |
| 12 | pupeno | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.076296 |
| 13 | pupeno | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.105437 | 0.000000 |
| 14 | pupeno | 0.656317 | 0.000000 | 0.000000 | 0.417075 | 0.000000 | 0.085457 |
| 15 | pupeno | 0.138946 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 16 | pupeno | 0.371197 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 17 | pupeno | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.090766 |
| 18 | pupeno | 0.306959 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.119905 |
| 19 | pupeno | 0.000000 | 0.000000 | 0.352152 | 0.000000 | 0.000000 | 0.000000 |
| 20 | pupeno | 0.083346 | 0.370875 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 21 | pupeno | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.029550 |
| 22 | pupeno | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.094212 |
| 23 | pupeno | 0.000000 | 0.364640 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 24 | pupeno | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 25 | pupeno | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 26 | pupeno | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.082497 |
| 27 | pupeno | 0.116987 | 0.000000 | 0.000000 | 0.000000 | 0.692403 | 0.000000 |
| 28 | pupeno | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 29 | pupeno | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 30 | pupeno | 0.166516 | 0.000000 | 0.000000 | 0.000000 | 0.262812 | 0.130089 |
| 31 | pupeno | 0.000000 | 0.000000 | 0.000000 | 0.142581 | 0.000000 | 0.087643 |
| 32 | pupeno | 0.000000 | 0.154458 | 0.000000 | 0.000000 | 0.000000 | 0.108471 |
| 33 | pupeno | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.083163 |
| 34 | pupeno | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 35 | pupeno | 0.000000 | 0.390291 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 36 | pupeno | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |

| | like | time | code | tables |
|---|---|---|---|---|
| 0 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 1 | 0.000000 | 0.198534 | 0.000000 | 0.000000 |
| 2 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 3 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 4 | 0.000000 | 0.389852 | 0.000000 | 0.000000 |
| 5 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 6 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 7 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 8 | 0.000000 | 0.000000 | 0.000000 | 0.233437 |
| 9 | 0.047141 | 0.000000 | 0.000000 | 0.000000 |
| 10 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 11 | 0.000000 | 0.000000 | 0.353714 | 0.000000 |
| 12 | 0.158251 | 0.000000 | 0.325928 | 0.000000 |

```
13   0.072167   0.000000   0.000000   0.452826
14   0.000000   0.000000   0.000000   0.000000
15   0.000000   0.000000   0.022082   0.000000
16   0.000000   0.000000   0.000000   0.000000
17   0.000000   0.137528   0.000000   0.000000
18   0.124351   0.000000   0.000000   0.000000
19   0.000000   0.000000   0.000000   0.000000
20   0.067528   0.000000   0.000000   0.000000
21   0.061292   0.000000   0.000000   0.000000
22   0.293117   0.000000   0.000000   0.000000
23   0.000000   0.000000   0.000000   0.000000
24   0.000000   0.000000   0.000000   0.277321
25   0.000000   0.000000   0.000000   0.000000
26   0.000000   0.000000   0.000000   0.000000
27   0.094784   0.000000   0.000000   0.000000
28   0.000000   0.000000   0.212890   0.000000
29   0.037598   0.000000   0.000000   0.000000
30   0.000000   0.000000   0.061747   0.000000
31   0.090893   0.000000   0.000000   0.000000
32   0.000000   0.328708   0.000000   0.000000
33   0.000000   0.000000   0.000000   0.000000
34   0.000000   0.000000   0.000000   0.000000
35   0.071063   0.000000   0.000000   0.000000
36   0.106695   0.000000   0.000000   0.000000
```

**************************************************************************

For Username ID TF/IDF table : e-satis

| | usernameid | python | like | git | head | does | using \ |
|---|---|---|---|---|---|---|---|
| 0 | e-satis | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.299606 |
| 1 | e-satis | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 2 | e-satis | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 3 | e-satis | 0.000000 | 0.000000 | 0.179128 | 0.734307 | 0.000000 | 0.000000 |
| 4 | e-satis | 0.000000 | 0.000000 | 0.187925 | 0.000000 | 0.062642 | 0.000000 |
| 5 | e-satis | 0.109076 | 0.092250 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 6 | e-satis | 0.000000 | 0.033760 | 0.000000 | 0.000000 | 0.000000 | 0.159673 |
| 7 | e-satis | 0.000000 | 0.000000 | 0.338695 | 0.000000 | 0.000000 | 0.000000 |
| 8 | e-satis | 0.081895 | 0.138523 | 0.000000 | 0.000000 | 0.163789 | 0.000000 |
| 9 | e-satis | 0.000000 | 0.000000 | 0.416684 | 0.379585 | 0.138895 | 0.000000 |
| 10 | e-satis | 0.155490 | 0.328761 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 11 | e-satis | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 12 | e-satis | 0.435896 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 13 | e-satis | 0.000000 | 0.066630 | 0.078782 | 0.000000 | 0.000000 | 0.000000 |
| 14 | e-satis | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.384412 | 0.000000 |
| 15 | e-satis | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.227740 | 0.000000 |

```
16    e-satis  0.000000  0.000000  0.000000  0.000000  0.000000  0.236308
17    e-satis  0.000000  0.169226  0.000000  0.000000  0.000000  0.000000
18    e-satis  0.525068  0.000000  0.000000  0.000000  0.000000  0.000000
19    e-satis  0.000000  0.000000  0.075446  0.000000  0.000000  0.150893
20    e-satis  0.000000  0.155518  0.000000  0.000000  0.000000  0.000000
21    e-satis  0.000000  0.000000  0.000000  0.000000  0.000000  0.119729
22    e-satis  0.000000  0.101237  0.000000  0.000000  0.119702  0.000000
23    e-satis  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000
24    e-satis  0.079724  0.202277  0.000000  0.000000  0.000000  0.079724


            way       use      know     string
0     0.000000  0.000000  0.000000  0.000000
1     0.000000  0.000000  0.000000  0.000000
2     0.000000  0.000000  0.000000  0.000000
3     0.000000  0.000000  0.000000  0.000000
4     0.059024  0.000000  0.000000  0.000000
5     0.000000  0.000000  0.000000  0.000000
6     0.112839  0.119755  0.142318  0.000000
7     0.000000  0.000000  0.000000  0.000000
8     0.000000  0.000000  0.072993  0.000000
9     0.000000  0.138895  0.000000  0.000000
10    0.146510  0.000000  0.069295  0.096562
11    0.083623  0.000000  0.000000  0.000000
12    0.273815  0.000000  0.000000  0.000000
13    0.000000  0.000000  0.070219  0.000000
14    0.144885  0.000000  0.205578  0.477451
15    0.000000  0.113870  0.000000  0.000000
16    0.000000  0.000000  0.000000  0.293501
17    0.000000  0.200092  0.000000  0.000000
18    0.000000  0.262534  0.000000  0.000000
19    0.000000  0.000000  0.134492  0.000000
20    0.173264  0.000000  0.081948  0.000000
21    0.000000  0.119729  0.000000  0.000000
22    0.000000  0.000000  0.000000  0.000000
23    0.000000  0.000000  0.000000  0.000000
24    0.000000  0.000000  0.142117  0.000000



****************************************************************************



For Username ID TF/IDF table : Ali

   usernameid  javascript     array     using       php    jquery      file  \
0         Ali         0.0  0.000000  0.076544  0.000000  0.000000  0.000000
1         Ali         0.0  0.000000  0.000000  0.000000  0.000000  0.000000
2         Ali         0.0  0.000000  0.000000  0.000000  0.000000  0.000000
3         Ali         0.0  0.000000  0.000000  0.000000  0.000000  0.000000
```

```
4           Ali           0.0    0.000000    0.032059    0.041946    0.000000    0.047679
..          ...           ...         ...         ...         ...         ...         ...
74          Ali           0.0    0.299817    0.000000    0.000000    0.000000    0.000000
75          Ali           0.0    0.000000    0.181197    0.000000    0.185046    0.000000
76          Ali           0.0    0.000000    0.000000    0.000000    0.000000    0.000000
77          Ali           0.0    0.000000    0.000000    0.000000    0.000000    0.000000
78          Ali           0.0    0.000000    0.054773    0.000000    0.000000    0.000000

        want        gt       class      string
0   0.095780  0.000000    0.000000    0.205064
1   0.000000  0.000000    0.000000    0.000000
2   0.000000  0.000000    0.050179    0.000000
3   0.075184  0.000000    0.000000    0.000000
4   0.000000  0.000000    0.000000    0.085888
..       ...       ...         ...         ...
74  0.000000  0.799469    0.000000    0.000000
75  0.000000  0.000000    0.000000    0.000000
76  0.000000  0.000000    0.000000    0.000000
77  0.057356  0.000000    0.000000    0.000000
78  0.000000  0.000000    0.000000    0.000000

[79 rows x 11 columns]


****************************************************************************



For Username ID TF/IDF table : Joan Venge
     usernameid     python        like        list      string        want       class  \
0    Joan Venge   0.193446    0.000000    0.136355    0.000000    0.000000    0.000000
1    Joan Venge   0.000000    0.065874    0.000000    0.000000    0.000000    0.000000
2    Joan Venge   0.000000    0.000000    0.000000    0.000000    0.000000    0.000000
3    Joan Venge   0.141369    0.126711    0.199296    0.000000    0.000000    0.000000
4    Joan Venge   0.000000    0.000000    0.000000    0.000000    0.000000    0.000000
..          ...        ...         ...         ...         ...         ...         ...
61   Joan Venge   0.000000    0.156573    0.000000    0.000000    0.000000    0.000000
62   Joan Venge   0.000000    0.000000    0.000000    0.000000    0.000000    0.131281
63   Joan Venge   0.000000    0.081442    0.213491    0.041499    0.074869    0.090801
64   Joan Venge   0.000000    0.000000    0.000000    0.000000    0.000000    0.000000
65   Joan Venge   0.141654    0.063483    0.199697    0.000000    0.000000    0.000000

        value   index        use    function
0   0.000000     0.0   0.000000    0.000000
1   0.000000     0.0   0.000000    0.000000
2   0.000000     0.0   0.000000    0.000000
3   0.000000     0.0   0.000000    0.227058
4   0.000000     0.0   0.000000    0.000000
```

```
..      ...     ...      ...      ...
61  0.261848    0.0  0.000000  0.000000
62  0.000000    0.0  0.123468  0.000000
63  0.000000    0.0  0.000000  0.000000
64  0.000000    0.0  0.000000  0.000000
65  0.000000    0.0  0.000000  0.227515

[66 rows x 11 columns]


****************************************************************************


For Username ID TF/IDF table : flybywire
```

| | usernameid | file | python | vs | want | use | java \\ |
|---|---|---|---|---|---|---|---|
| 0 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 1 | flybywire | 0.000000 | 0.000000 | 0.246946 | 0.000000 | 0.493891 | 0.000000 |
| 2 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 3 | flybywire | 0.285320 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 4 | flybywire | 0.000000 | 0.146353 | 0.153253 | 0.000000 | 0.306505 | 0.000000 |
| 5 | flybywire | 0.078173 | 0.000000 | 0.000000 | 0.291914 | 0.000000 | 0.000000 |
| 6 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 7 | flybywire | 0.000000 | 0.159918 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 8 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 9 | flybywire | 0.000000 | 0.000000 | 0.438875 | 0.000000 | 0.219437 | 0.521677 |
| 10 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 11 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 12 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 13 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 14 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.086165 | 0.054446 | 0.000000 |
| 15 | flybywire | 0.000000 | 0.000000 | 0.227035 | 0.000000 | 0.000000 | 0.000000 |
| 16 | flybywire | 0.071658 | 0.000000 | 0.000000 | 0.066896 | 0.000000 | 0.000000 |
| 17 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 18 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.172612 | 0.000000 | 0.000000 |
| 19 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 20 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 21 | flybywire | 0.318679 | 0.000000 | 0.000000 | 0.099168 | 0.000000 | 0.000000 |
| 22 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 23 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 24 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.588666 |
| 25 | flybywire | 0.171867 | 0.000000 | 0.000000 | 0.160447 | 0.000000 | 0.000000 |
| 26 | flybywire | 0.245377 | 0.000000 | 0.000000 | 0.000000 | 0.173695 | 0.000000 |
| 27 | flybywire | 0.000000 | 0.116685 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 28 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 29 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.112601 | 0.000000 | 0.000000 |
| 30 | flybywire | 0.102145 | 0.115083 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 31 | flybywire | 0.000000 | 0.580077 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 32 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.122889 | 0.000000 | 0.000000 |
| 33 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 34 | flybywire | 0.130342 | 0.000000 | 0.000000 | 0.121681 | 0.000000 | 0.000000 |
| 35 | flybywire | 0.000000 | 0.343812 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 36 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 37 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 38 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 39 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.069348 | 0.000000 | 0.000000 |
| 40 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 41 | flybywire | 0.192038 | 0.000000 | 0.000000 | 0.089639 | 0.000000 | 0.000000 |
| 42 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 43 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.163161 |
| 44 | flybywire | 0.319440 | 0.000000 | 0.000000 | 0.149107 | 0.188434 | 0.000000 |
| 45 | flybywire | 0.000000 | 0.321788 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 46 | flybywire | 0.000000 | 0.000000 | 0.229219 | 0.000000 | 0.000000 | 0.000000 |
| 47 | flybywire | 0.000000 | 0.000000 | 0.251779 | 0.000000 | 0.000000 | 0.000000 |
| 48 | flybywire | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |

| | standard | output | instance | kill |
|---|---|---|---|---|
| 0 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 1 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 2 | 0.217125 | 0.000000 | 0.000000 | 0.000000 |
| 3 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 4 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 5 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 6 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 7 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 8 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 9 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 10 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 11 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 12 | 0.000000 | 0.000000 | 0.864911 | 0.000000 |
| 13 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 14 | 0.000000 | 0.363732 | 0.000000 | 0.000000 |
| 15 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 16 | 0.000000 | 0.282391 | 0.000000 | 0.000000 |
| 17 | 0.000000 | 0.000000 | 0.000000 | 0.540266 |
| 18 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 19 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 20 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 21 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 22 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 23 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 24 | 0.000000 | 0.000000 | 0.000000 | 0.636699 |
| 25 | 0.482042 | 0.225767 | 0.000000 | 0.000000 |
| 26 | 0.550574 | 0.322330 | 0.000000 | 0.000000 |
| 27 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 28 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |

```
29   0.000000   0.000000   0.000000   0.000000
30   0.000000   0.000000   0.000000   0.000000
31   0.000000   0.000000   0.000000   0.000000
32   0.000000   0.000000   0.000000   0.000000
33   0.000000   0.000000   0.000000   0.000000
34   0.000000   0.000000   0.000000   0.000000
35   0.000000   0.000000   0.000000   0.000000
36   0.000000   0.000000   0.000000   0.000000
37   0.000000   0.000000   0.000000   0.000000
38   0.000000   0.000000   0.000000   0.000000
39   0.000000   0.000000   0.000000   0.000000
40   0.000000   0.000000   0.000000   0.000000
41   0.000000   0.000000   0.000000   0.000000
42   0.000000   0.000000   0.000000   0.000000
43   0.000000   0.000000   0.000000   0.000000
44   0.000000   0.000000   0.000000   0.000000
45   0.000000   0.000000   0.000000   0.000000
46   0.000000   0.000000   0.000000   0.000000
47   0.000000   0.000000   0.000000   0.000000
48   0.000000   0.000000   0.317777   0.000000
```

```
********************************************************************************
```

For Username ID TF/IDF table : GManNickG

| | usernameid | idiom | int | copy | array | arraysize | data \ |
|---|---|---|---|---|---|---|---|
| 0 | GManNickG | 0.480997 | 0.000000 | 0.360748 | 0.091453 | 0.00000 | 0.00000 |
| 1 | GManNickG | 0.000000 | 0.203351 | 0.000000 | 0.261452 | 0.30558 | 0.30558 |
| 2 | GManNickG | 0.000000 | 0.267377 | 0.000000 | 0.000000 | 0.00000 | 0.00000 |

| | code | does | mentioned | places |
|---|---|---|---|---|
| 0 | 0.000000 | 0.240499 | 0.240499 | 0.240499 |
| 1 | 0.145251 | 0.000000 | 0.000000 | 0.000000 |
| 2 | 0.133688 | 0.000000 | 0.000000 | 0.000000 |

```
********************************************************************************
```

For Username ID TF/IDF table : Hamza Yerlikaya

| | usernameid | file | new | java | timer | setpreferredwidth \ |
|---|---|---|---|---|---|---|
| 0 | Hamza Yerlikaya | 0.000000 | 0.000000 | 0.040077 | 0.000000 | 0.606105 |
| 1 | Hamza Yerlikaya | 0.356757 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 2 | Hamza Yerlikaya | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 3 | Hamza Yerlikaya | 0.470020 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |

```
4  Hamza Yerlikaya  0.000000  0.000000  0.000000  0.000000           0.000000
5  Hamza Yerlikaya  0.000000  0.000000  0.313903  0.000000           0.000000
6  Hamza Yerlikaya  0.000000  0.264469  0.102856  0.622212           0.000000
7  Hamza Yerlikaya  0.077083  0.440536  0.000000  0.000000           0.000000
8  Hamza Yerlikaya  0.000000  0.000000  0.174024  0.000000           0.000000
9  Hamza Yerlikaya  0.000000  0.000000  0.000000  0.000000           0.000000


   tablegetcolumnmodelgetcolumn      bits      byte   iterate  application
0                     0.606105  0.000000  0.000000  0.000000     0.000000
1                     0.000000  0.000000  0.000000  0.000000     0.000000
2                     0.000000  0.000000  0.000000  0.000000     0.000000
3                     0.000000  0.000000  0.000000  0.000000     0.268619
4                     0.000000  0.000000  0.000000  0.000000     0.000000
5                     0.000000  0.000000  0.000000  0.000000     0.000000
6                     0.000000  0.000000  0.000000  0.000000     0.000000
7                     0.000000  0.000000  0.000000  0.000000     0.000000
8                     0.000000  0.526366  0.526366  0.526366     0.000000
9                     0.000000  0.000000  0.000000  0.000000     0.254880
```

```
********************************************************************************
```

```
For Username ID TF/IDF table : Matthew Rankin
        usernameid   install    python       pip    branch     flask   version  \
0  Matthew Rankin  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000
1  Matthew Rankin  0.000000  0.370145  0.000000  0.000000  0.000000  0.000000
2  Matthew Rankin  0.427251  0.000000  0.284834  0.000000  0.000000  0.000000
3  Matthew Rankin  0.000000  0.000000  0.000000  0.000000  0.555725  0.555725
4  Matthew Rankin  0.262056  0.104822  0.104822  0.000000  0.000000  0.000000
5  Matthew Rankin  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000
6  Matthew Rankin  0.466707  0.262523  0.320861  0.000000  0.000000  0.000000
7  Matthew Rankin  0.000000  0.000000  0.000000  0.697882  0.000000  0.000000


   started       way  navigation    django
0  0.00000  0.062210    0.000000  0.417339
1  0.51182  0.127881    0.000000  0.000000
2  0.00000  0.098407    0.000000  0.000000
3  0.00000  0.138851    0.000000  0.000000
4  0.00000  0.000000    0.000000  0.060737
5  0.00000  0.014563    0.495445  0.000000
6  0.00000  0.060466    0.000000  0.000000
7  0.00000  0.000000    0.000000  0.000000
```

```
********************************************************************************
```

```
For Username ID TF/IDF table : TIMEX

     usernameid    python      want    string      user  dictionary      file  \
0          TIMEX  0.174919  0.000000  0.000000  0.000000    0.000000  0.000000
1          TIMEX  0.125519  0.000000  0.163824  0.000000    0.171932  0.000000
2          TIMEX  0.000000  0.097942  0.000000  0.302904    0.000000  0.000000
3          TIMEX  0.000000  0.000000  0.000000  0.000000    0.000000  0.272653
4          TIMEX  0.000000  0.000000  0.000000  0.000000    0.000000  0.000000
..           ...       ...       ...       ...       ...         ...       ...
110        TIMEX  0.000000  0.000000  0.000000  0.000000    0.000000  0.000000
111        TIMEX  0.000000  0.000000  0.000000  0.000000    0.000000  0.000000
112        TIMEX  0.000000  0.000000  0.000000  0.000000    0.000000  0.000000
113        TIMEX  0.000000  0.140351  0.000000  0.000000    0.000000  0.000000
114        TIMEX  0.000000  0.000000  0.000000  0.000000    0.000000  0.000000


       return       use       way     print
0    0.000000  0.205916  0.000000  0.000000
1    0.000000  0.000000  0.000000  0.000000
2    0.000000  0.000000  0.000000  0.000000
3    0.000000  0.000000  0.000000  0.125299
4    0.000000  0.000000  0.000000  0.179267
..        ...       ...       ...       ...
110  0.000000  0.093065  0.000000  0.000000
111  0.000000  0.116232  0.126013  0.000000
112  0.000000  0.000000  0.196130  0.000000
113  0.000000  0.000000  0.000000  0.000000
114  0.373771  0.000000  0.169612  0.000000

[115 rows x 11 columns]


*****************************************************************************
```