

INFO 6210
Machine Learning Database
Project 1- SQL
README

Name: Pratik Anant Mahajan
NUID:

Files:

1. Readme document.
2. Code
 - A. TwitterCustomAPI.py for scraping, cleaning, adding data to database and tagging
 - B. Analysen.py for running application and database queries according to assignment
 - C. projectTwit.db - Sqlite3 database

Run the code with python <filename>.py

Code is attached in the code folder. See Screenshots below.

Screenshots :

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-----  
1. Tags Associated with a Person:  
2. What user posts like _____  
3. Things that are popular in our domain  
4. Things that are trending in our domain  
5. Should I follow someone back?  
6. Tags to Include in Tweet  
7. Best time to Tweet  
8. Should you add URLs to Tweets?  
9. Who should I be following  
10. What are People saying about User  
11. Find a similar tweet  
12. Find Reach of Tweet  
13. What is the influence of my post?  
14. How viral are my posts?  
15. Exit  
Enter your choice:1  
Enter twitter handle: @ScopeOnline  
datascience  
deeplearning  
machinelearning  
automation
```

```
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1. Tags Associated with a Person:
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11. Find a similar tweet
12. Find Reach of Tweet
13. What is the influence of my post?
14. How viral are my posts?
15. Exit
Enter your choice:2
Enter Twitter Handle to find: @ScopeOnline
@Simone_Johnson1
@EricMackC
@JMCamiade
@itknowingness
@ArkangelScrap
@eltonlaice
@Calcaware
@CioAmaro
@MartinCiupa
@Tsundu_Mak
@jblefevre60
```

```
-----
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12. Find Reach of Tweet
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14. How viral are my posts?
15. Exit
Enter your choice:3
Popular Things
ai
machinelearning
bigdata
deeplearning
datascience
iot
neuralnetworks
blockchain
ml
```

-
1. Tags Associated with a Person:
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 11. Find a similar tweet
 12. Find Reach of Tweet
 13. What is the influence of my post?
 14. How viral are my posts?
 15. Exit

Enter your choice:4

Trending Things

Enter Date: 2018-02-26

ai

machinelearning

bigdata

deeplearning

datascience

iot

neuralnetworks

iiot

blockchain

-
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 9. Who should I be following
 10. What are People saying about User
 11. Find a similar tweet
 12. Find Reach of Tweet
 13. What is the influence of my post?
 14. How viral are my posts?
 15. Exit
- Enter your choice:5
- Enter your UserName:
- @ScopeOnline
- Enter UserName to compare
- @EricMackC
- User is 97.0% matching, you should follow back

-
1. Tags Associated with a Person:
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 11. Find a similar tweet
 12. Find Reach of Tweet
 13. What is the influence of my post?
 14. How viral are my posts?
 15. Exit

Enter your choice:6

ai

machinelearning

deeplearning

bigdata

neuralnetworks

iot

socialinfluence

skychain

contract

datascience

blockchain

fintech

rt

data

-
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 11. Find a similar tweet
 12. Find Reach of Tweet
 13. What is the influence of my post?
 14. How viral are my posts?
 15. Exit
- Enter your choice:7
- The best time to tweet is 19:00 to 20:00 hrs

```
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11. Find a similar tweet
12. Find Reach of Tweet
13. What is the influence of my post?
14. How viral are my posts?
15. Exit
Enter your choice:8
Limit URLs as far as possible
```

```
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9. Who should I be following
10. What are People saying about User
11. Find a similar tweet
12. Find Reach of Tweet
13. What is the influence of my post?
14. How viral are my posts?
15. Exit
Enter your choice:9
Enter Twitter Handle to find: @JMCamiade
@Tsundu_Mak
@Calcaware
@itknowingness
@MartinCiupa
@fernandocuenca
```

```
-----
1. Tags Associated with a Person:
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7. Best time to Tweet
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9. Who should I be following
10. What are People saying about User
11. Find a similar tweet
12. Find Reach of Tweet
13. What is the influence of my post?
14. How viral are my posts?
15. Exit
Enter your choice:10
Enter Your User Handle: @fogoros

Popular Mentions :

-->RT @fogoros: Why The #IIoT Revolution Will Happen At The #Edge, Not In The #Cloud https://t.co/5p00qvQn81... https://t.co/7Rk1NmChdb
-->RT @fogoros: How will the customer communicate with this factory of the future? Is the #digitaltwin a possibility? https://t.co/Kni1rSwMEg...

Net Sentiment @fogoros is Neutral
```

```
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10. What are People saying about User
11. Find a similar tweet
12. Find Reach of Tweet
13. What is the influence of my post?
14. How viral are my posts?
15. Exit
Enter your choice:11
Enter Your Tweet to Compare: machinelearning in the field of imaging
@AffideaIreland-||-RT @ehealthgmt: Key role of #AI & #machinelearning in the field of #imaging @AffideaGroup @affideaCMO #ML https://t.co/0Zbbi7anPW
```

```
-----
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6. Tags to Include in Tweet
7. Best time to Tweet
8. Should you add URLs to Tweets?
9. Who should I be following
10. What are People saying about User
11. Find a similar tweet
12. Find Reach of Tweet
13. What is the influence of my post?
14. How viral are my posts?
15. Exit
Enter your choice:12
Enter the Tweet id to compare: 968036597634564096
Potential reach is 18455
```

```
-----
1. Tags Associated with a Person:
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6. Tags to Include in Tweet
7. Best time to Tweet
8. Should you add URLs to Tweets?
9. Who should I be following
10. What are People saying about User
11. Find a similar tweet
12. Find Reach of Tweet
13. What is the influence of my post?
14. How viral are my posts?
15. Exit
Enter your choice:13
Enter the UserName: @ScopeOnline
Low Influence
```

```
-----  
1. Tags Associated with a Person:  
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5. Should I follow someone back?  
6. Tags to Include in Tweet  
7. Best time to Tweet  
8. Should you add URLs to Tweets?  
9. Who should I be following  
10. What are People saying about User  
11. Find a similar tweet  
12. Find Reach of Tweet  
13. What is the influence of my post?  
14. How viral are my posts?  
15. Exit  
Enter your choice:14  
Enter the UserName: @ExpoDX  
User is not Viral
```


