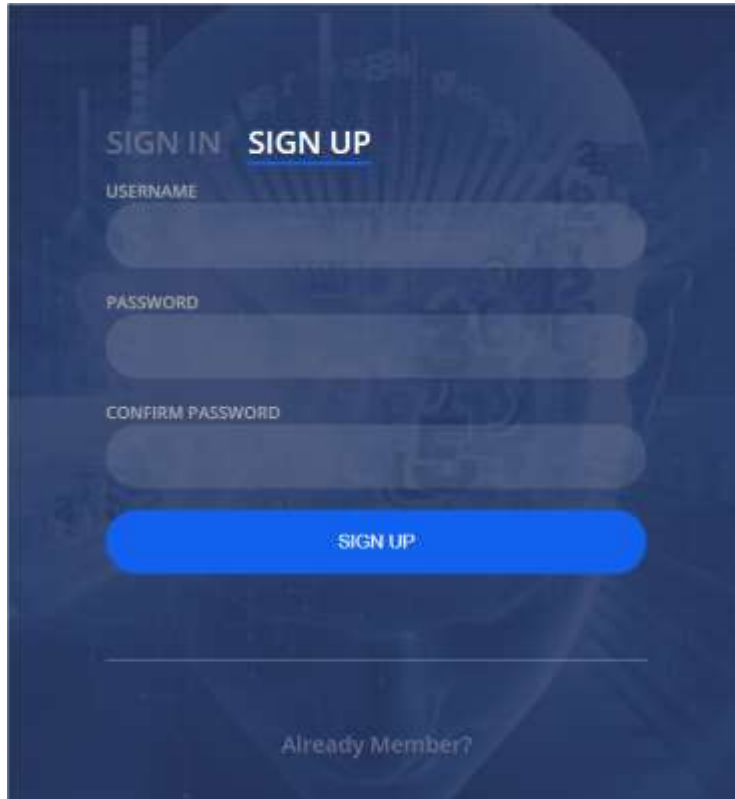


Phase 4

Screenshots and testing



The screenshot shows a registration form with the following elements:

- Two tabs at the top: "SIGN IN" and "SIGN UP". The "SIGN UP" tab is selected and underlined.
- A "USERNAME" label followed by a text input field.
- A "PASSWORD" label followed by a text input field.
- A "CONFIRM PASSWORD" label followed by a text input field.
- A prominent blue "SIGN UP" button.
- A horizontal line separating the registration section from the login section.
- The text "Already Member?" centered below the line.

[SIGN IN](#) [SIGN UP](#)

USERNAME

gunvant


PASSWORD

.....

☒ Keep me Signed in

SIGN IN

[Forgot Password?](#)

 SIGNUP — □ ×

Enter First Name:

Enter Last Name:

Enter E-Mail ID:

Enter Password:

Submit

Twitter Sentiment Analysis

1. Twitter Handle

2. Keyword/Hashtag

3. Overall Sentiment

EXIT

KEYWORD/HASHTAG

Enter keyword/hashtag to search about:

hardikpandya7

Enter number of tweets:

20

Submit

TWEEEEEEETS

Enter twitter handle name:

hardikpandya7

Enter number of tweets:

20

Submit



OVERALL SENTIMENT



Enter keyword/hashtag to search about:

Enter number of tweets:

Submit



SIGNUP



Enter First Name:

Enter Last Name:

Enter E-Mail ID:

Enter Password:

Submit



TWEEEEEEETS



Enter twitter handle name:

Enter number of tweets:

Submit



TWEEEEEEETS



Enter twitter handle name:

trump

Enter number of tweets:

Submit

localhost / 127.0.0.1 / test / user

localhost/phpmyadmin/sql.php?db=test&table=user&page=0

phpMyAdmin

Recent: Favorites:

- new
- information_schema
- mysql
- performance_schema
- phpmyadmin
- test
- New
- user

Showing rows 9-9 (9 total. Query took 0.0027 seconds.)

SELECT * FROM user

Options

	id	name	username	email	password
1	1	Siddharth	siddharth@gmail.com	siddharth	
2	2	1	1	1	1
3	3	abc	abc	abc	abc
4	4	def	def	def	def
5	5	ghi	ghi	ghi	ghi
6	6	jkl	jkl	jkl	jkl
7	7	mno	mno	mno	mno
8	8	pqr	pqr	pqr	pqr
9	9	rst	rst	rst	rst

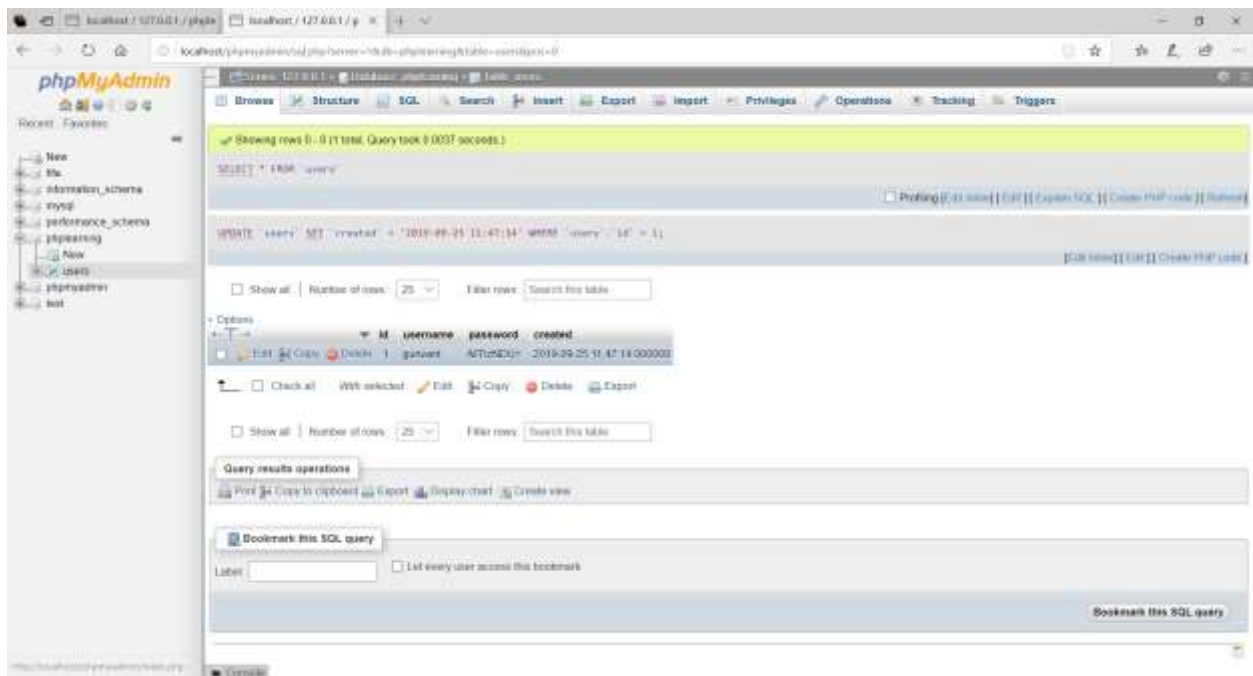
Check all With selected Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Console

Press Ctrl+Enter to execute query

```
>SELECT * FROM 'user'
>SELECT * FROM 'user'
>SELECT * FROM 'user'
```



proj1.py - C:\HP laptop\E drive\Study material\Software Engineering\proj1.py (3.7.0b2)

```
Python 3.7.0b2 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0b2 (v3.7.0b2:b0e5c979b, Feb 28 2018, 02:24:20) [MSC v.1912 64 bit
AMD64] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\HP laptop\E drive\Study material\Software Engineering\proj1.py =
User Created
Press 1 to continue...
1
User Created
here again
20
hardikpandya?
COUNT0
TARGEThardikpandya?
Getting data for hardikpandya?
name: hardik pandya
screen_name: hardikpandya?
statuses_count: 1488
friends_count: 116
followers_count: 4262802
```

Enter twitter handle name:

Enter number of tweets:

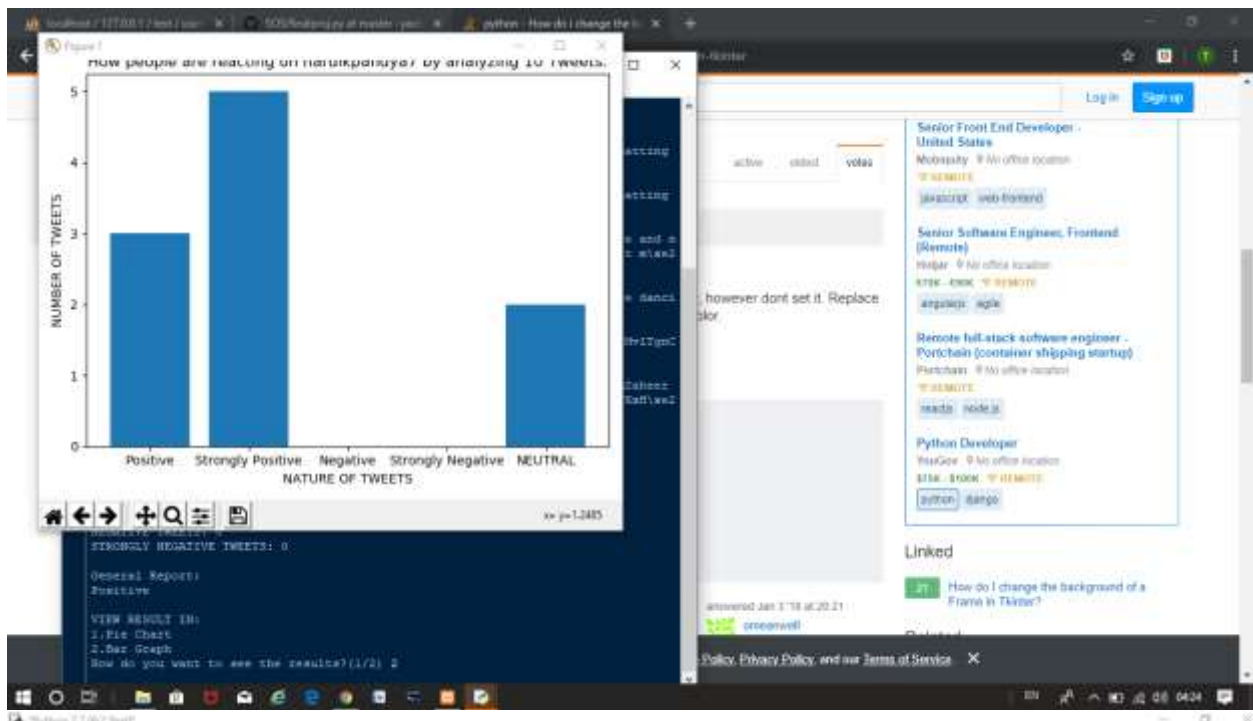
```
Python 3.7.0b2 Shell
File Edit Shell Debug Options Window Help
b"RT @TheSleight: Zaher Khan was winning the WC
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)
b"RT @hardikpandya? Get well soon brother!
Sentiment(polarity=0.8, subjectivity=0.6)
b"RT @HufiGendri: When I saved our team to find the
4"
Sentiment(polarity=0.6, subjectivity=0.6)
b"RT @hardikpandya? Baby steps .. but my road to D
4"
Sentiment(polarity=0.33, subjectivity=0.55)
b"RT @TheSleight: Zaher Khan was winning the WC
Sentiment(polarity=0.5, subjectivity=0.75)
b"RT @hardikpandya? Baby steps .. but my road to fi
4"
Sentiment(polarity=0.35, subjectivity=0.95)
b"RT @hardikpandya? Baby steps .. but my road to fi
4"
Sentiment(polarity=0.55, subjectivity=0.88)
b"RT @TheSleight: Zaher Khan was winning the wished
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)
b"RT @TheSleight: Zaher Khan was winning the wished
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)
b"RT @TheSleight: Zaher Khan was winning the wished
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)
b"RT @TheSleight: Zaher Khan was winning the wished
Sentiment(polarity=0.7, subjectivity=0.6000000000000001)
RESULTS:
POSITIVE TWEETS: 313
STRONGLY POSITIVE TWEETS: 504
NEUTRAL TWEETS: 143
NEGATIVE TWEETS: 40
STRONGLY NEGATIVE TWEETS: 0
General Report:
Positive
VIEW RESULT IN:
1. File Chart
2. Bar Graph
How do you want to see the results?(1/2) 1
=====
```

Figure 1

How people are reacting on hardikpandya7 by analyzing 1000 Tweets.

Sentiment	Percentage
Strongly Positive	50.40%
Positive	21.20%
Neutral	24.30%
Negative	4.00%
Strongly Negative	0.00%

Ln 2145 Col 0



Python 3.7.0 Shell

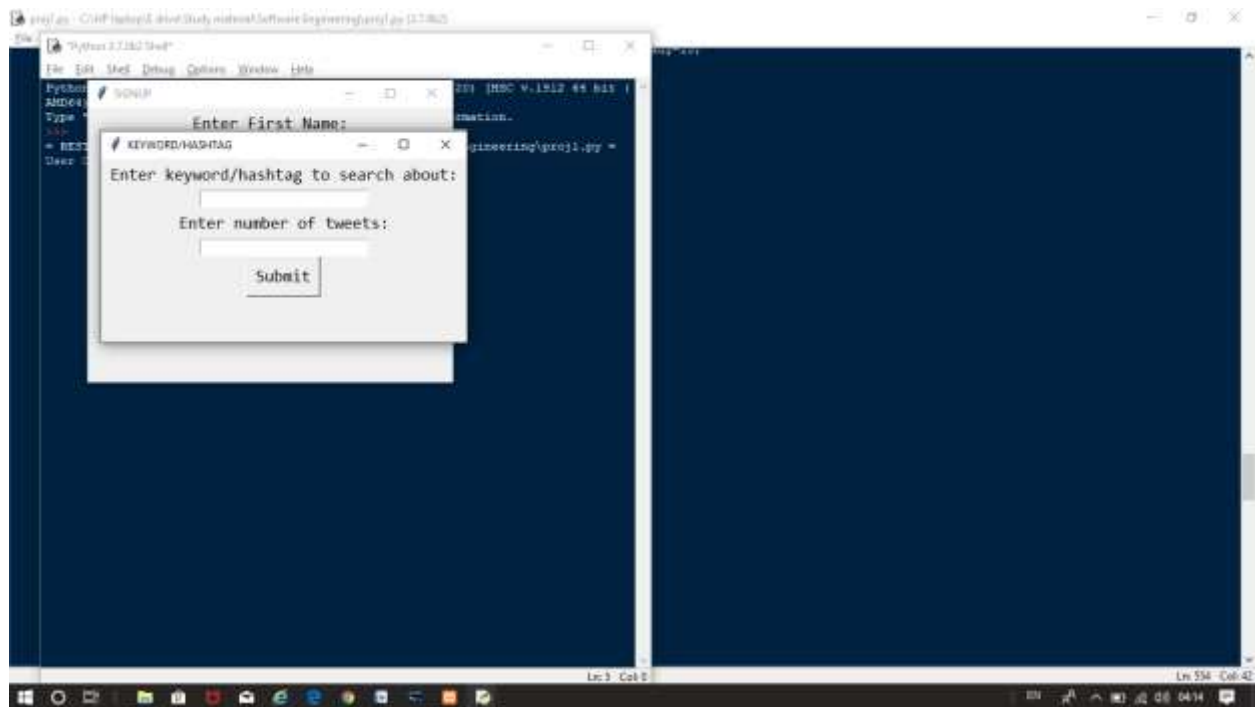
```
File Edit Shell Debug Options Window Help
b'RT @Ishaheer: Bahahaha...thank you for the wishes @shardikpandya? my batting a
Sentiment(polarity=0.7, subjectivity=0.4000000000000001)
b'RT @Ishaheer: Bahahaha...thank you for the wishes @shardikpandya? my batting a
Sentiment(polarity=0.7, subjectivity=0.4000000000000001)
b'@shardikpandya? Get well soon brother'
Sentiment(polarity=0.0, subjectivity=0.0)
b'RT @Shafiqahdi: When I asked our team to find the video footage of @Ishaheer '
4'
Sentiment(polarity=0.0, subjectivity=0.0)
b'RT @shardikpandya? Baby steps .. but my road to full fitness begins here and no
4'
Sentiment(polarity=0.35, subjectivity=0.55)
b'RT @The_Singer: Baber Khan was winning the WC for India when you were dancin
Sentiment(polarity=0.5, subjectivity=0.75)
b'RT @shardikpandya? Baby steps .. but my road to full fitness begins here and now
e'
Sentiment(polarity=0.35, subjectivity=0.55)
b'RT @shardikpandya? Baby steps .. but my road to full fitness begins here and now
4'
Sentiment(polarity=0.35, subjectivity=0.55)
b'RT @Ishaheer: Bahahaha...thank you for the wishes @shardikpandya? my batting
Sentiment(polarity=0.7, subjectivity=0.4000000000000001)
b'RT @Ishaheer: Bahahaha...thank you for the wishes @shardikpandya? my batting
Sentiment(polarity=0.7, subjectivity=0.4000000000000001)
b'RT @Ishaheer: Bahahaha...thank you for the wishes @shardikpandya? my batting
Sentiment(polarity=0.7, subjectivity=0.4000000000000001)
b'RT @Ishaheer: Bahahaha...thank you for the wishes @shardikpandya? my batting
Sentiment(polarity=0.7, subjectivity=0.4000000000000001)
RESULTS:
POSITIVE TWEETS: 212
STRONGLY POSITIVE TWEETS: 404
NEUTRAL TWEETS: 243
NEGATIVE TWEETS: 40
STRONGLY NEGATIVE TWEETS: 0
General Report:
Positive
VIEW RESULT IN:
1. File Chart
2. Bar Graph
How do you want to see the results?(1/2)
```

OVERALL SENTIMENT (Not Responded)

Enter keyword/hashtag to search about:

Enter number of tweets:

Submit



FUTURE SCOPE:

Sentiment analysis is a uniquely powerful tool for businesses that are looking to measure attitudes, feelings and emotions regarding their brand. To date, the majority of sentiment analysis projects have been conducted almost exclusively by companies and brands through the use of social media data, survey responses and other hubs of user-generated content. By investigating and analyzing customer sentiments, these brands are able to get an inside look at consumer behaviors and, ultimately, better serve their audiences with the products, services and experiences they offer.

The future of sentiment analysis is going to continue to dig deeper, far past the surface of the number of likes, comments and shares, and aim to reach, and truly understand, the significance of social media interactions and what they tell us about the consumers behind the screens. This forecast also predicts broader applications for sentiment analysis – brands will continue to leverage this tool, but so will individuals in the public eye, governments, nonprofits, education centers and many other organizations.

The scopes are as follows:

- 1)Very important use in Elections
- 2)Deeper, Broader Insights from Sentiment Analysis
- 3)Greater Personalization for Audiences

Conclusions

2019 is going to be another year that continues to drive the analytics machine forward. With more and more organizations turning to sentiment analysis to measure and predict outcomes, as well as better understand consumer behaviours, these tools are quickly building a reputation that is going to help propel it forward into the future and towards deeper and more accurate conclusions and insights.

Summary:

Sentiment analysis has been an important tool for brands looking to learn more about how their customers are thinking and feeling. It is a relatively simplistic form of analytics that helps brands find key areas of weakness (negative sentiments) and strengths (positive sentiments). Moving forward, sentiment analysis is finding a place in other organizations. 2019 Lok Sabha election, 2019 Rajyasabha elections these data tools were used to measure emotions and attempt to predict the outcome of these events. This has led to non-brand organizations turning to sentiment analysis for their own needs. Additionally, the insights gained from these tools are becoming much deeper, as a result of emerging social media platforms and features.