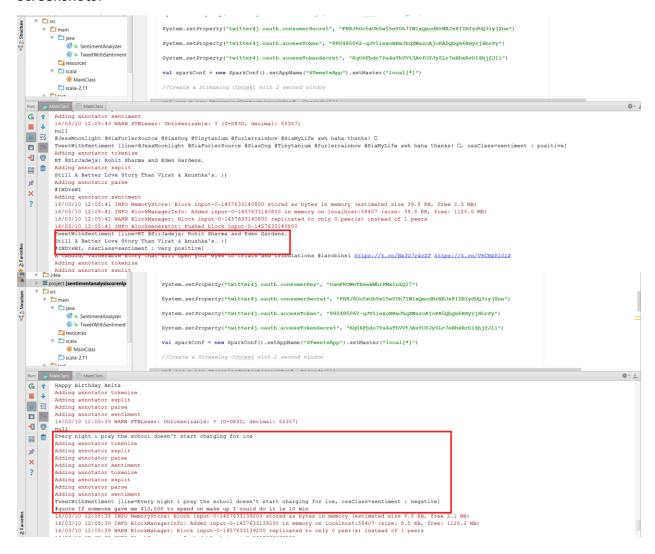
# Lab Assignment 8:

Question 1: Sentimental analysis using twitter streaming (related to your project)

## **Description:**

Here we could successfully accept the twitter stream to our spark system and perform the sentiment analysis on it using the Stanford core NLP. Here we shall take the twitter streams, convert the rdd's to string and send it to the Stanford core NLP for sentiment analysis.

### **Screenshots:**

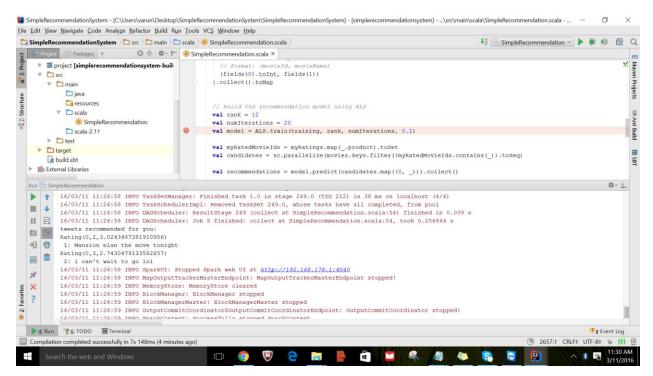


## Question 2: Make recommendations (related to your own project)

- a. Training Data: the Twitter Streaming/categorized data (The categorization here would be from your previous lab 5&6).
- b. Testing Dataset e.g., UserId, Category, Rating
- c. The rating based on sentiment analysis, retweet count would be interesting.
- d. Expected outcome is to make a recommendation based on user profile (e.g., preferences, location, gender, age)

**Description**: Here we had trained the system based on the tweets and had recommended certain tweets of other user based on the groups and we have used the collaborative filtering technique for the same. Here the tweets are stored in a file making the data static however we shall try in our next work to make this data dynamic.

#### **Screenshots:**



Lab Assignment 8	Sowmya Yelmati Class ID:32 Varun Chavakula Class ID:4
3) Twitter trend notification to smartphone/sma	artwatch
<b>Description:</b> After finishing the sentiment analysis smartwatch using the Socket Client program.	s, I had send these over to display on the
Screenshots:	



I'm waiting here: 1234

SiteLocalAddress: 10.99.1.156

#1 from /10.151.6.239:57428

@liltsun I had a friend who bugged me to watch it, plus I was looking for one cour shows:nullreplayed:

Hello from Android, you are #1 #2 from /10.151.6.239:57429

@suno\_khamoshii great:nullreplayed: Hello from

Android, you are #2

#3 from /10.151.6.239:57430

RT @MensHumor: When someone uses your driveway to turn around... https://t.co/

XIZSMnEvva:nullreplayed: Hello from Android, you

are #3

#4 from /10.151.6.239:57432

Romantic ♡~ https://t.co/6trzW6n75g:Tweet-

WithSentiment [line=Romantic ♡~ https://t.co/

6trzW6n75g, cssClass=sentiment : positive]replayed:

Hello from Android, you are #4

#5 from /10.151.6.239:57437

RT @Olivianuzzi: Donald Trump's business career and presidential campaign has been based on exaggerations and deceptions. https://t.co/

j81P...:nullreplayed: Hello from Android, you are #5

#6 from /10.151.6.239:57440

if that's what getting bills in the mail feels like, I'd rather be homeless:TweetWithSentiment [line=if that's what getting bills in the mail feels like, I'd rather be homeless, cssClass=sentiment: negative]replayed: Hello from Android, you are #6

#7 from /10.151.6.239:57442







	Class ID:32 Varun Chavakula Class ID:4
4) Searching or recommendation through smartphone/s	martwatch
<b>Description:</b> Here we had sent out the results to the sma connections.	rt phones using the socket client
Screenshots:	

Sowmya Yelmati

Lab Assignment 8

Sowmya Yelmati Class ID:32 Varun Chavakula Class ID:4



I'm waiting here: 1234

SiteLocalAddress: 10.99.2.118

#1 from /10.205.0.55:64747

tweets recommended for you:Mansion elan the move tonightreplayed: Hello from Android, you are

#1

#2 from /10.205.0.55:64749

tweets recommended for you:i can't wait to go lolreplayed: Hello from Android, you are #2