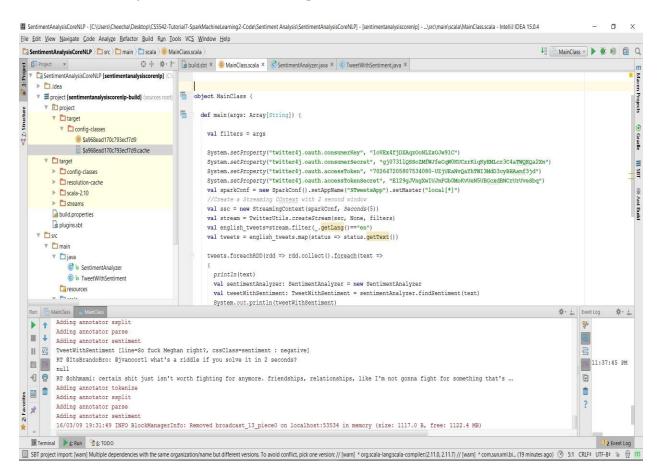
CS5542

Big Data Apps and Analytics LAB ASSIGNMENT #8 -

Nihar Dudam (6)

Sricharan Pamuru(20)

1. Sentimental Analysis on Twitter Streaming:



In this part of Assignment, we are streaming tweets from Twitter and running sentimental analysis on the tweets.

2. TV series recommendation to the user

RMSE (validation) = 2.0 for the model trained with rank = 12, lambda = 10.0, and numIter = 20. The best model was trained with rank = 8 and lambda = 10.0, and numIter = 10, and its RMSE on the test set is 2.806243040080456. The best model improves the baseline by -151.15%. Movies recommended for you: 1: Modern Family 2: Oz 3: Agents of S.H.I.E.L.D 1: The Sopranos 5: Louie 6: The X-Files 7: 24:action|drama|adventure 8: The Vampire Diaries 9: Sons of Anarchy 10: Flashforward 11: How I Met Your Mother 12: Homeland 13: Rescue Me 14: Grey's Anatomy:drama 15: The Big Bang Theory 16: The Simpsons 17: Supernatural 18: Two and Half Men 16/03/09 23:51:24 INFO RemoteActorRefProvider\$RemotingTerminator: Shutting down remote daemon. 16/03/09 23:51:24 INFO RemoteActorRefProvider\$RemotingTerminator: Remote daemon shut down; proceeding with flushing remote transports. Process finished with exit code 0

In this part of assignment, data regarding TV series is collected using streaming Twitter data and manually edited data to recommend the popular TV series to the user.

3. The above TV Series is displayed in mobile phone.

