Report for Lab-Assignment7

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Question1: Sentimental analysis using twitter streaming

Description:

We have collected the tweet data for our project and performs Sentimental analysis by using that data. The output is in the form like positive or negative as we have given the cases like from 0-very negative to 5-very positive. There is elaborate explanation in Screenshots.

Screenshots:

```scala
val wc = stream.map(status => status.getText())


wc.foreachRDD(rdd => {
  val count = rdd.count().toInt
  val lines = rdd.take(count)

  lines.foreach(line=>{  val sentimentAnalyzer: SentimentAnalyzer = new SentimentAnalyzer
    val tweetWithSentiment: TweetWithSentiment = sentimentAnalyzer.findSentiment(line)
    System.out.println(tweetWithSentiment)
  }

)
}
)
```

```
TweetWithSentiment [line=RT @armsawit: เป็นการบอกเลิกแฟนที่เหนือชั้นมาก https://t.co/G7WsOlVpFs, cssClass=sentiment : neut
Adding annotator ssplit
Adding annotator parse
Adding annotator sentiment
Adding annotator tokenize
TweetWithSentiment [line=ALWAYS IN A GOOD MOOD... KEEP SAFE GUYSSS!!, cssClass=sentiment : positive]
Adding annotator ssplit
Adding annotator parse
Adding annotator sentiment
Adding annotator tokenize
TweetWithSentiment [line=もうあいつのこと忘れて方がいいかも., cssClass=sentiment : neutral]
Adding annotator ssplit
```

Question3: Twitter trend notification to smartphone / smartwatch

Description:

We have sent the Twitter Trend Notification Using the Sentimental Analysis from the Question-1.

Screenshot:

line=RT @SouPositividade: Deus me disse baixinho: "Vai dar tudo certo" ???,
cssClass=sentiment : neutral
line=RT @LIV_Addict: Anfield https://t.co/brkBk3y57E, cssClass=sentiment :
neutral
line=RT @souljaian: It's A Goyard Thing. https://t.co/j16lcqyL2s,
cssClass=sentiment : neutral
line=RT @capricornio_hn: #CAPRICORNIO necesita desesperadamente que le
digan que es buen@, bell@, inteligente, trabajador/a...Tampoco pide mucho...,
cssClass=sentiment : positive
 cssClass=sentiment : positive
line=RT @mcuadra05: Al aire por @radiopanama 94.5 FM desde
@HootersPanama en Albrook https://t.co/M3SsdLOFya, cssClass=sentiment :
positive
line=RT @sesamestreet: Playing dress up is always fun! Help Grover's Chicken
friends try on new fashionable pieces! https://t.co/VLoJFZZbQw http...,
cssClass=sentiment : positive
line=RT @steripps: ITTFH 2015/Yillik Kari 57.696.046 Önceki Kari 9.889.926
+Pozitif, cssClass=sentiment : negative
line=RT @jimmymwangyy254: #Politics101 @KoinangeJeff how on earth do you
insult our intelligence by having?? @CKirubi amongst @ItsPLOLumumba & ...,
cssClass=sentiment : negative
line=RT @ahmylttlemix: Nie wiem jak kylieguess ale ja w wieku 20 lat
chcialabym robic cos ze swoim zyciem a nie siedziec i sie wyzywac na nasto...,
cssClass=sentiment : negative