**Twitter Sentiment Analysis**

**Objective**

* Connecting Web Api Services using Apache Kafka
* Analysis User Sentiment filtering with “KeyWord” , and using affinn dictionary

**Creating Web Api Application using Twitter.**

* Register And Login the Twitter Developer Account

<https://developer.twitter.com/>

* Creating Apps and sending the Twitter Team for approval.
* Once approved, this will generate,

1. Api Key
2. Api Secret Key

* Then you need to enable the 3 way authentication.

This will generate.

1. Access Token
2. Access Secret Token

**Here ‘s An example :**

CXsf78lZsFnbYXaGocN6KSa0h - Api Key

QjlBFU60XqGlCYeCuGJ1hVZENB2PFS1Fyx6lYQwXQXH8FsNLYi - Api Secret Key

1315622655492407297-BG5yvHje2S4lAoitmfoUf2evcJeJXv - Access Token

QRXgUDmZMTrqSZFsjvz9x9fZq62jCSPQ1UOszLrYLbEHZ - Access Secret Token

**Please find below the Affinn Dictionary Attached.**



**Please find attached the Spark Streaming Jar**

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**Please note the .scala mentioned below :**

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**Command :**

spark2-submit --class TwitterSentiments --packages org.apache.bahir:spark-streaming-twitter\_2.11:2.1.0 \

--deploy-mode client /mnt/home/edureka\_918210/TwitterSentimentAnalysis/src/main/scala/target/scala-2.11/sparkme-project\_2.11-1.0.jar \

CXsf78lZsFnbYXaGocN6KSa0h \

QjlBFU60XqGlCYeCuGJ1hVZENB2PFS1Fyx6lYQwXQXH8FsNLYi \

1315622655492407297-BG5yvHje2S4lAoitmfoUf2evcJeJXv \

QRXgUDmZMTrqSZFsjvz9x9fZq62jCSPQ1UOszLrYLbEHZ "Trump"

spark2-submit --class TwitterSentiments --packages org.apache.bahir:spark-streaming-twitter\_2.11:2.1.0 \

--deploy-mode client /mnt/home/edureka\_918210/TwitterSentimentAnalysis/src/main/scala/target/scala-2.11/sparkme-project\_2.11-1.0.jar \

<Api Key> \

<Api Secret Key> \

<Acess Token> \

<Access Secret Token > "Modi”

**OUTPUT**



