**Assignment 22.2:**

Go through below blog and reiterate the same at your end.

<https://docs.google.com/document/d/14YUd_wi-KJTBEqqtyoNtPMFeORjFU-_yId4hJ11q90o/edit>

* val tweets = sc.textFile("/home/acadgild/demonetization-tweets.csv").map(x => x.split(",")).filter(x=>x.length>=2).map(x => (x(0).replaceAll("\"",""),x(1).replaceAll("\"","").toLowerCase)).map(x => (x.\_1,x.\_2.split(" "))).toDF("id","words")
* tweets.registerTempTable("tweets")
* val explode = spark.sql("select id as id,explode(words) as word from tweets").registerTempTable("tweet\_word")
* val afinn = sc.textFile("/home/acadgild/AFINN.txt").map(x => x.split("\t")).map(x => (x(0),x(1))).toDF("word","rating").registerTempTable("afinn")
* val join = spark.sql("select t.id,AVG(a.rating) as rating from tweet\_word t join afinn a on t.word=a.word group by t.id order by rating desc").show



