Linking to Cassandra

Cassandra Connector Step 1

- Start spark with the following (or update config-default.conf)
  - $SPARK_HOME/bin/spark-shell --packages datastax:spark-cassandra-connector:2.0.0-M2-s_2.11
  - Note that may need to start this from the spark folder
- Setting up the initial Connection to Cassandra from Spark
  - Stop existing default context with sc.stop()
  - import the necessary jar files:
  - import com.datastax.spark.connector._, org.apache.spark.SparkContext, org.apache.spark.SparkContext._, org.apache.spark.SparkConf
- val conf = new SparkConf(true).set("spark.cassandra.connection.host", "blinchiki.usask.ca").set("spark.cassandra.auth.username", "*username*").set("spark.cassandra.auth.password", "*password*")
- val sc = new SparkContext("local", "test", conf)

Step 2

- val sc = new SparkContext("local", "CassandraSurveyAccess", conf)
- import org.apache.spark.sql.SQLContext
- val sqlContext = new SQLContext(sc)
- import sqlContext.implicits._