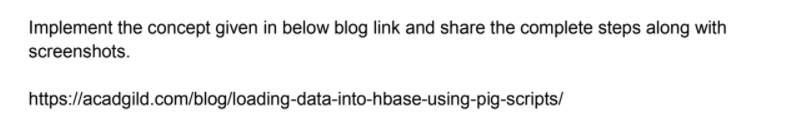


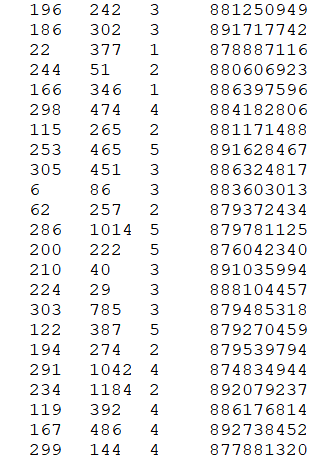
**Problem statement :**



<https://www.google.com/url?q=https://acadgild.com/blog/loading-data-into-hbase-using-pig-scripts/&ust=1516284120000000&usg=AFQjCNFbdGLMrWocvLPj1mX0ianSvJwgng&hl=en-US>

**Solution :**

Let ‘s use movie database grouplens.org for this assignment. The format of the data is :



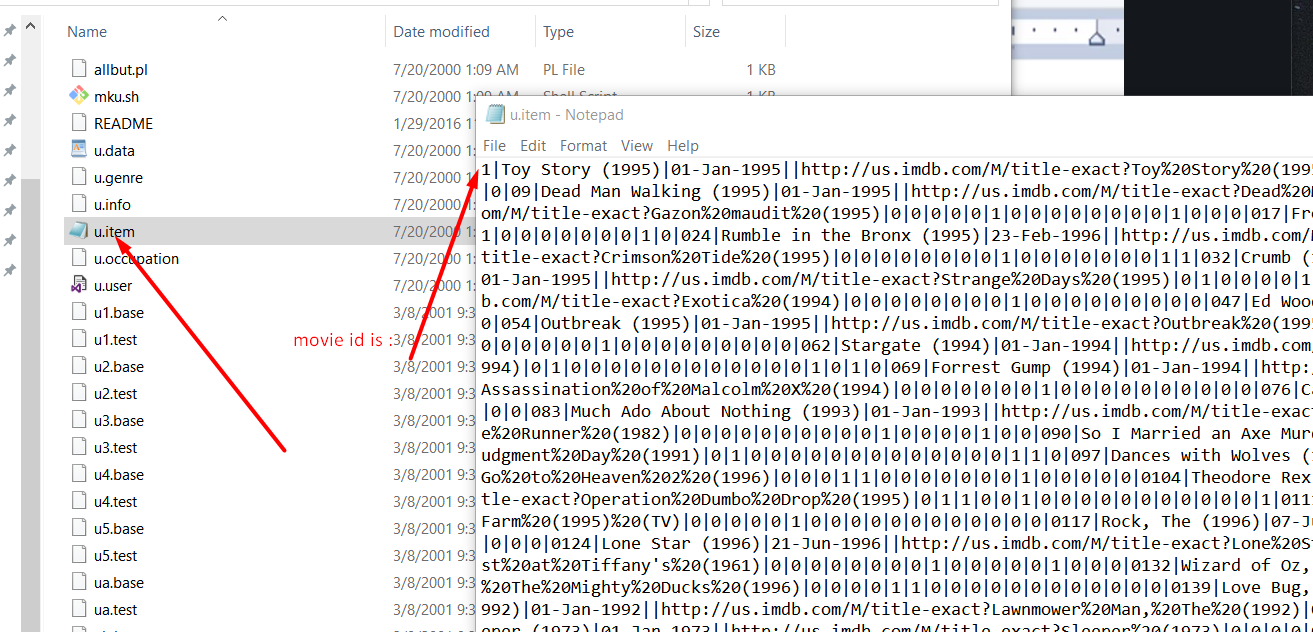
Where :

Column 1 : user id

Column 2 : movie id

Column 3 : rating

Column 4 : time stamp

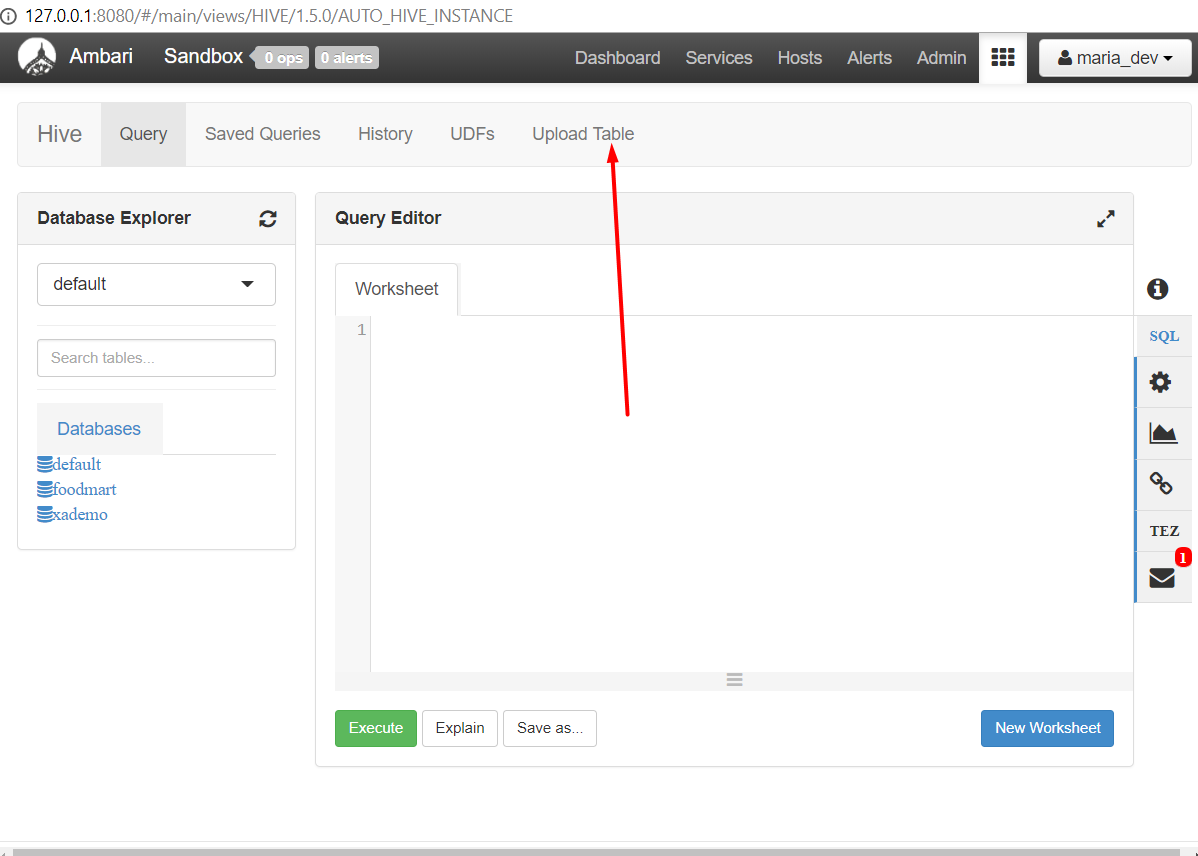


This is the file where the movie id and movie description is mapped

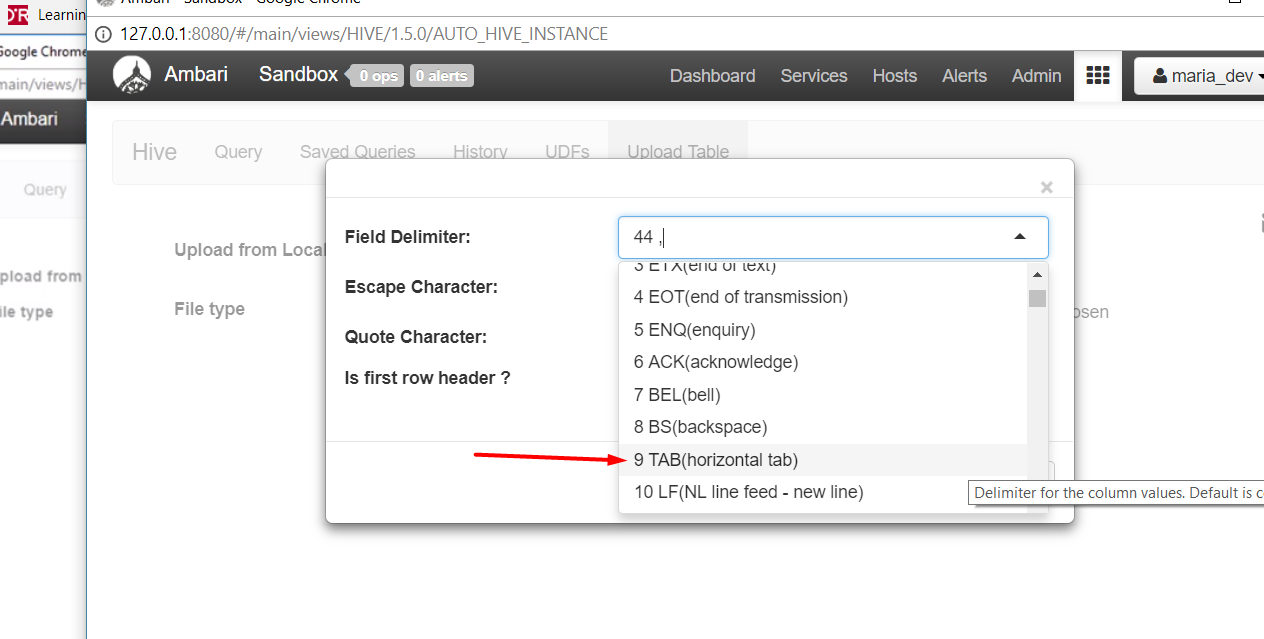
Now let’s import this data to the hbase

For this purpose first of all we will use hive view ( we use HDP\_2.5 ) let’s open it

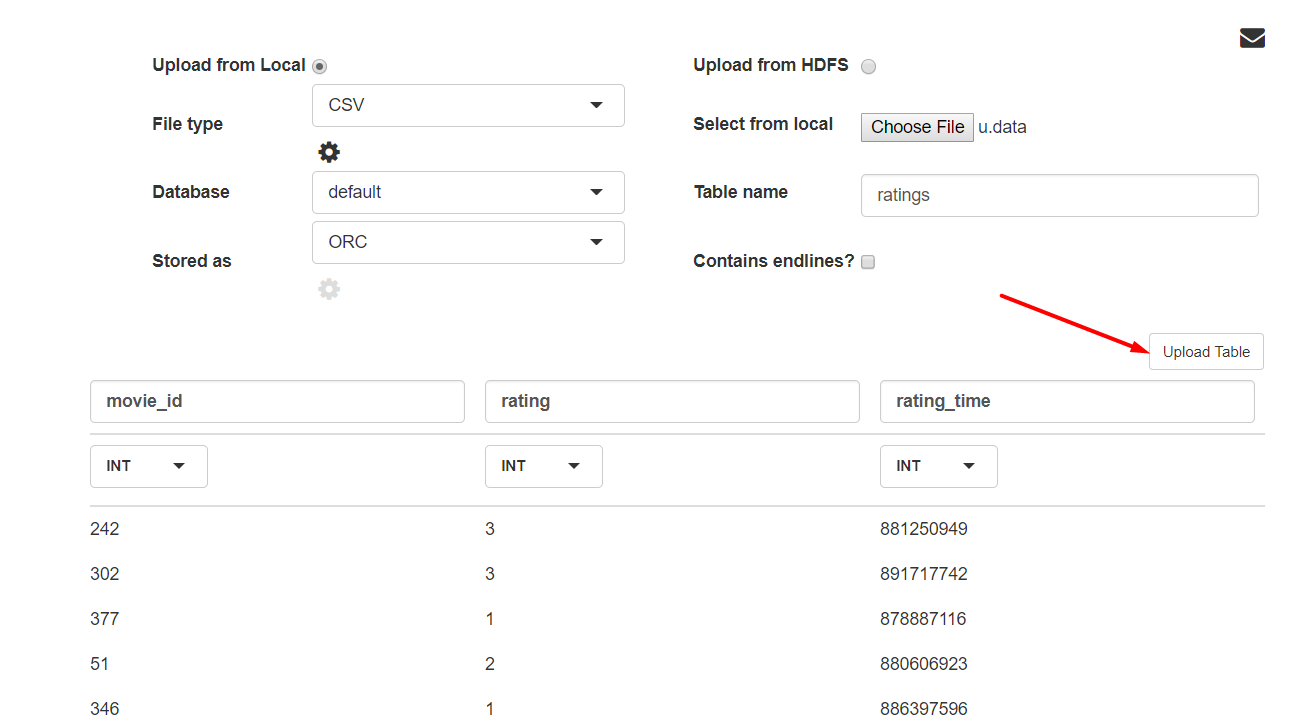
Use upload button for uploading data from desktop to virtual machine



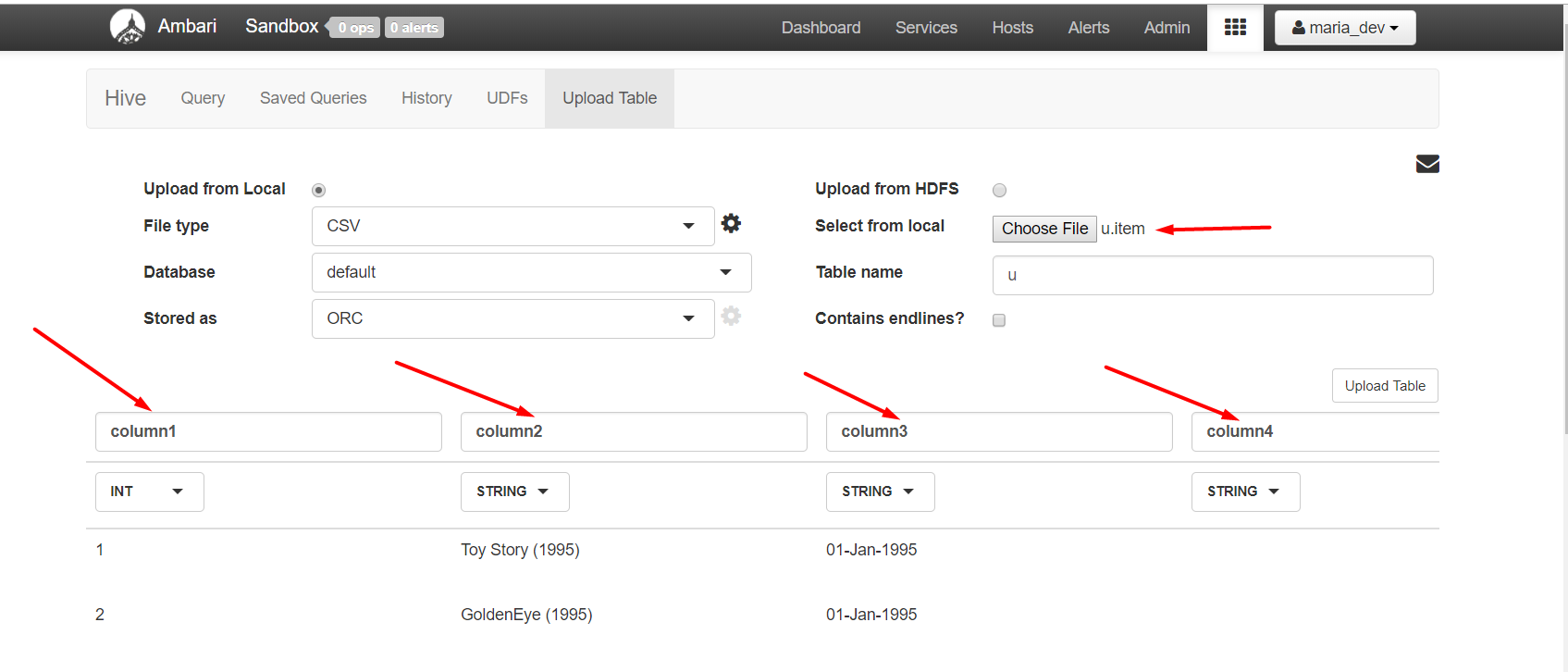
Choosing delimiter :



Prep table and upload

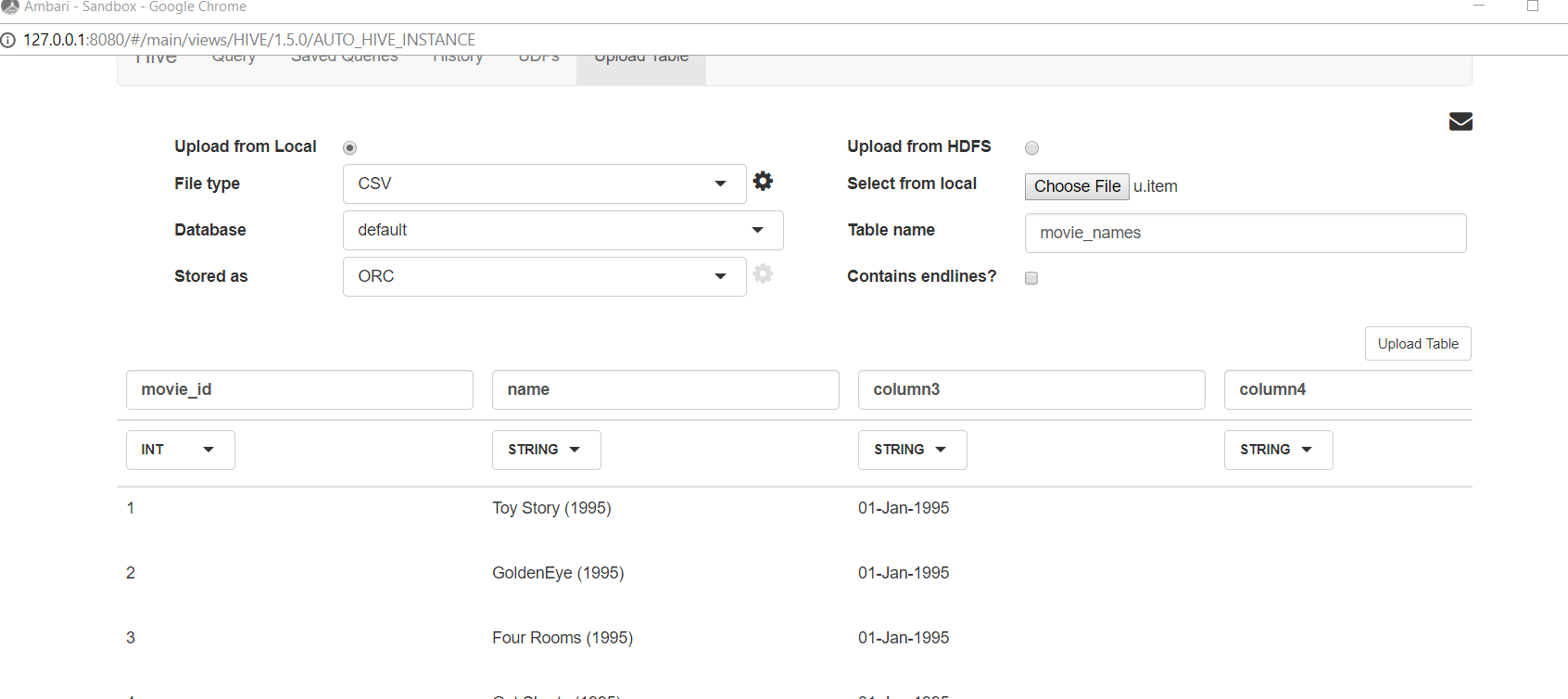


Now lets upload to the hadoop fs another table ( database ) about the details of the movies



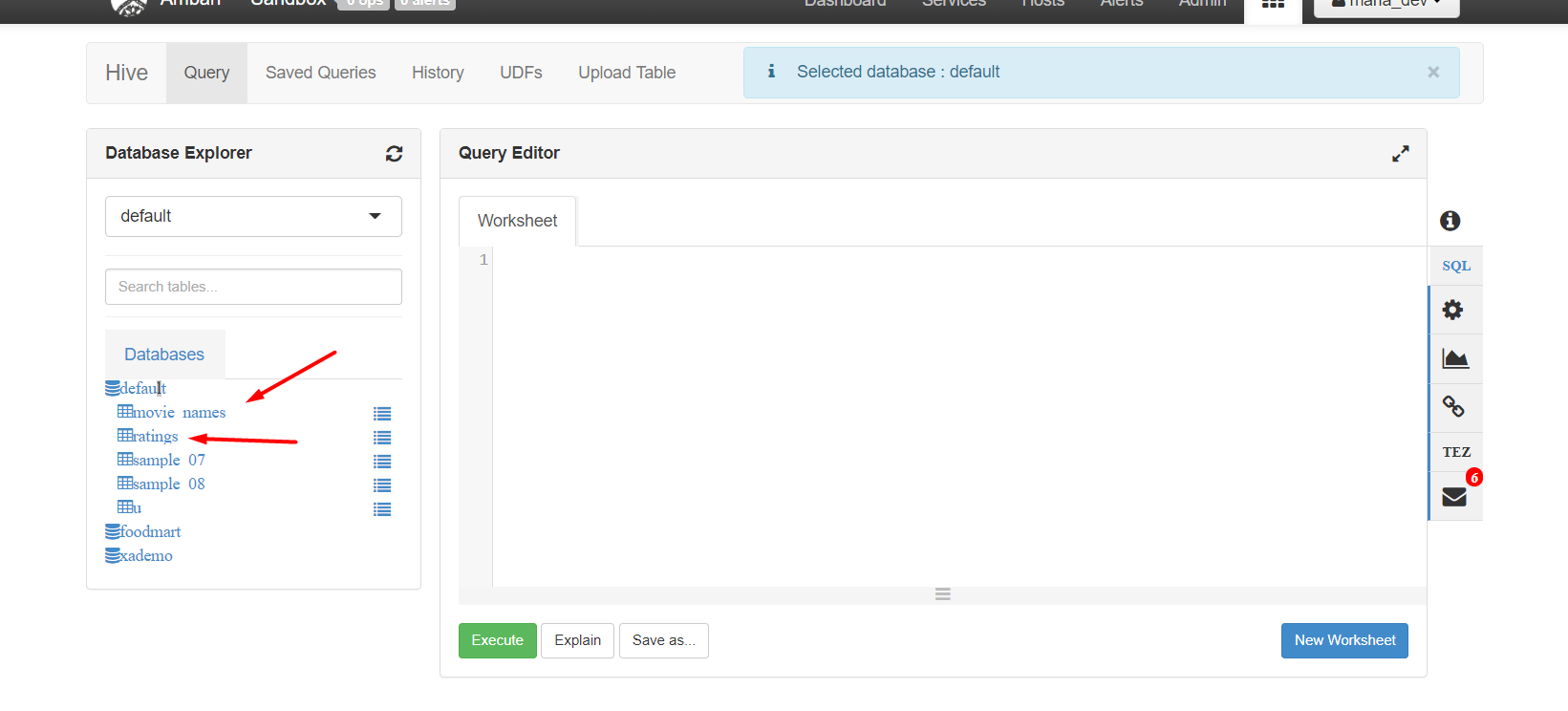
Do the same - gives the names of the column and upload

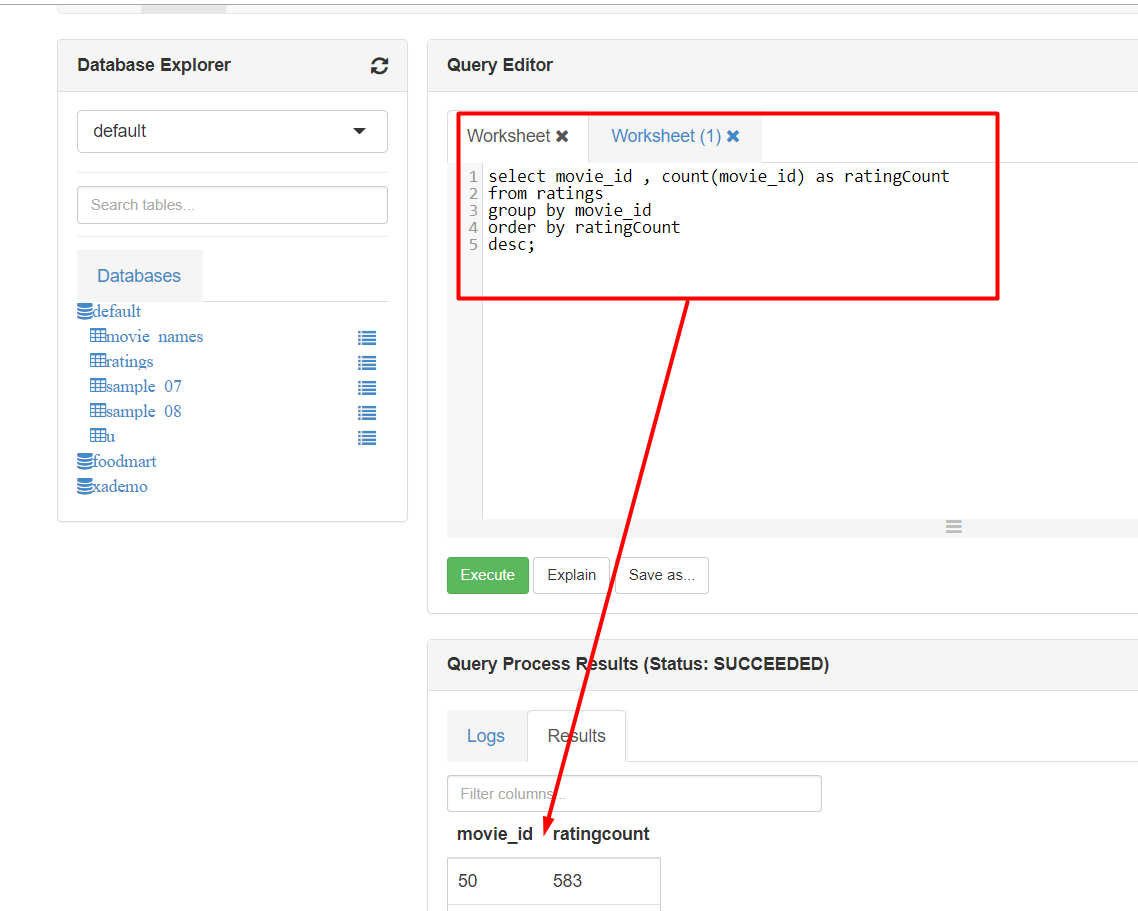
We care only about first two column so other column names are don’t matter

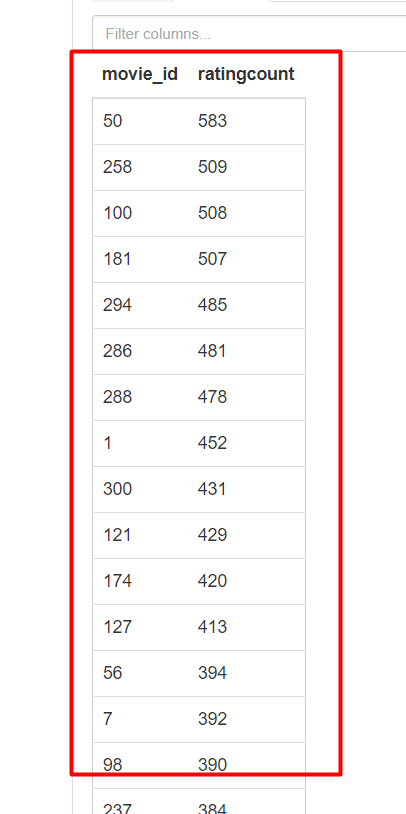


Let's check that upload is done correctly and run some query to this databases.

Here our uploaded databases

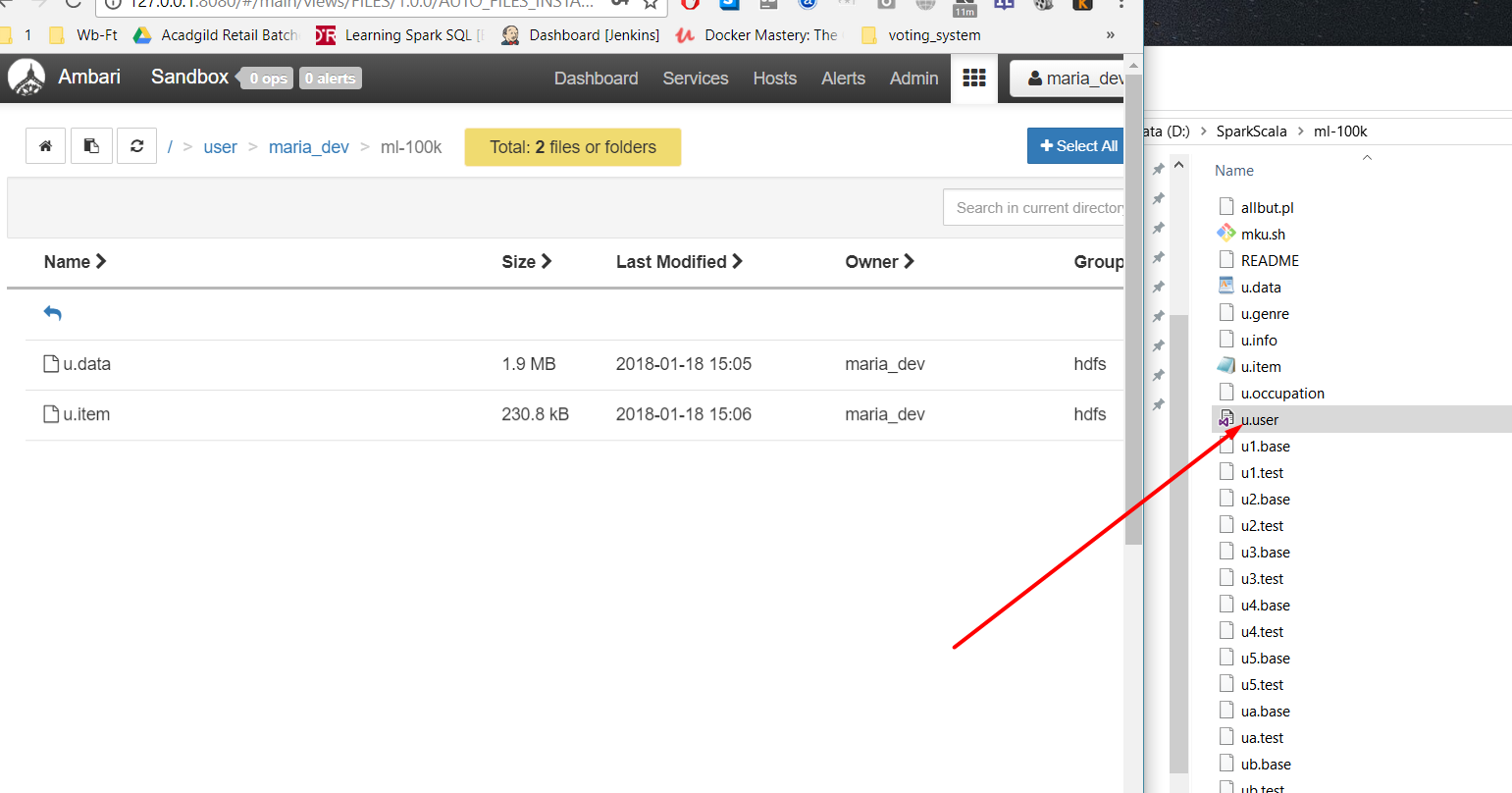


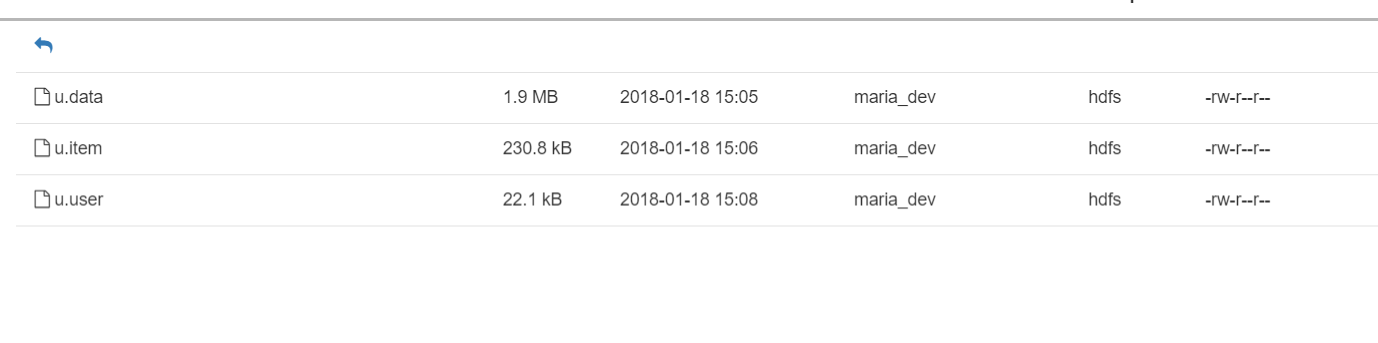


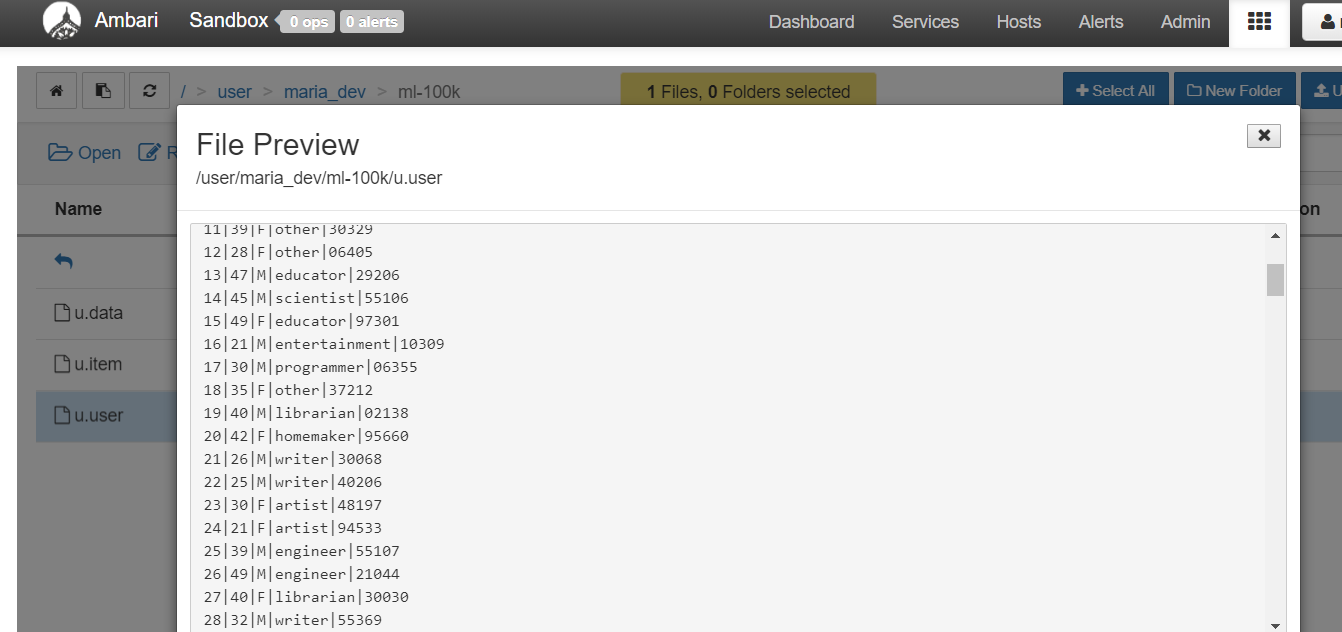


Looks good the VB from HortonWork is working now lets solve the problem

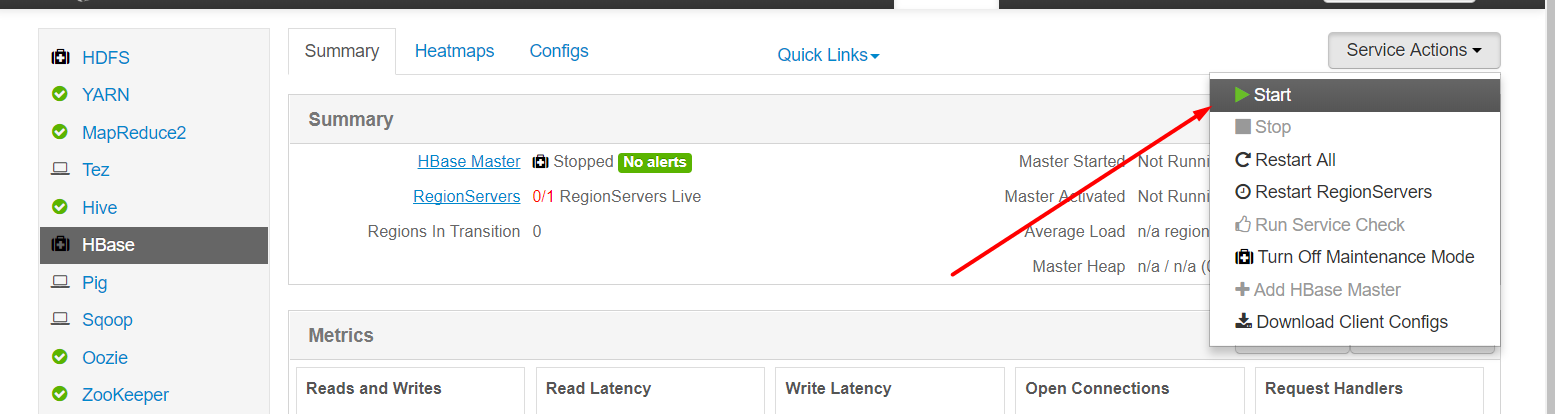
Now let’s add one more file to hadoop fs

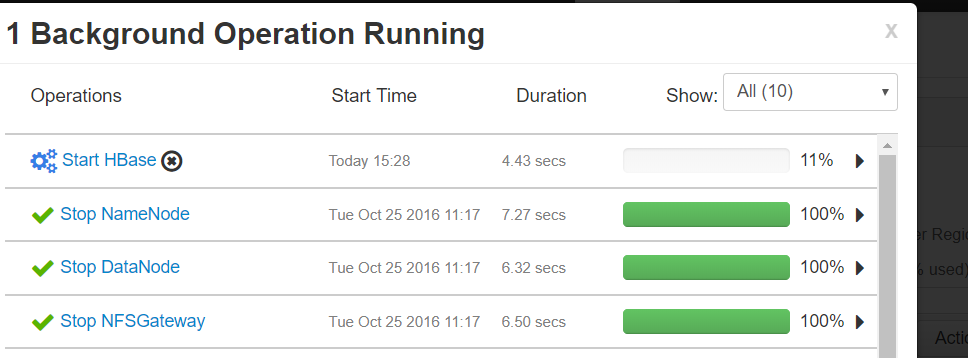




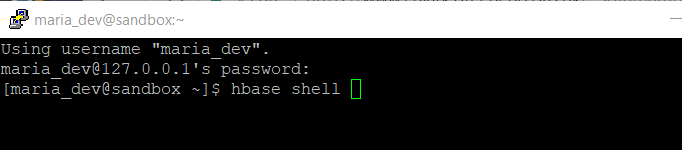


Lets start the Hbase server

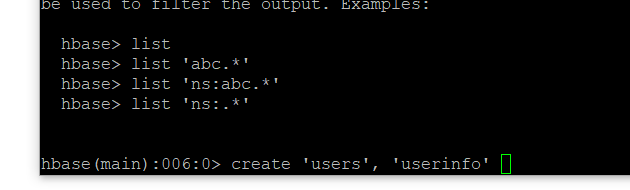


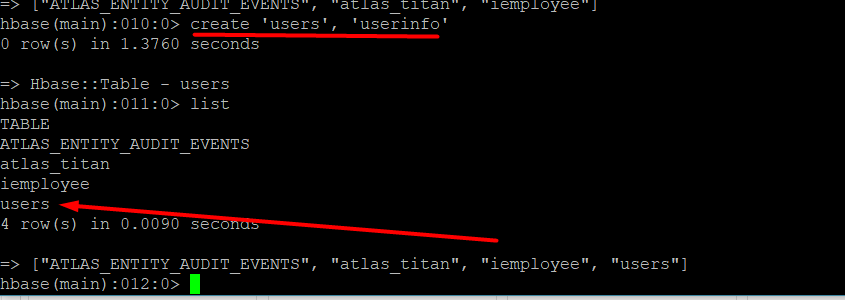


Let’s enter to the Hbase shell through putty

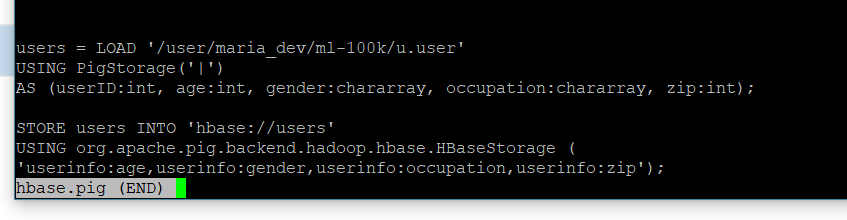


Create table and column family

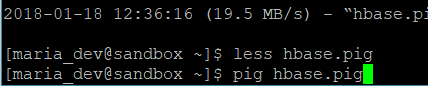




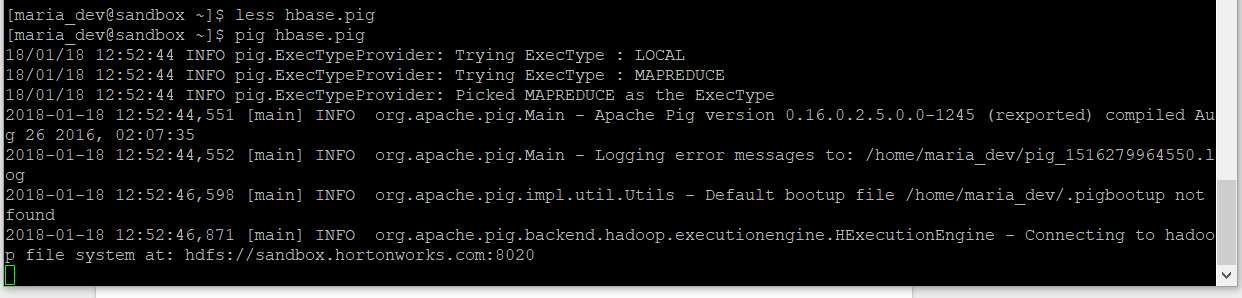
Prep pig script

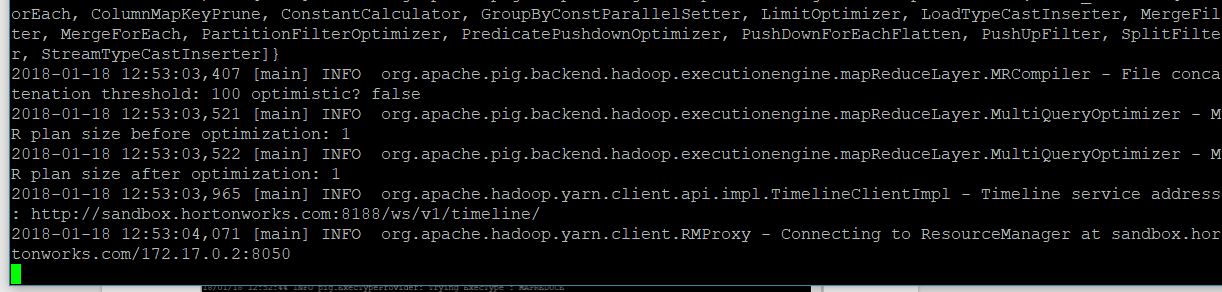


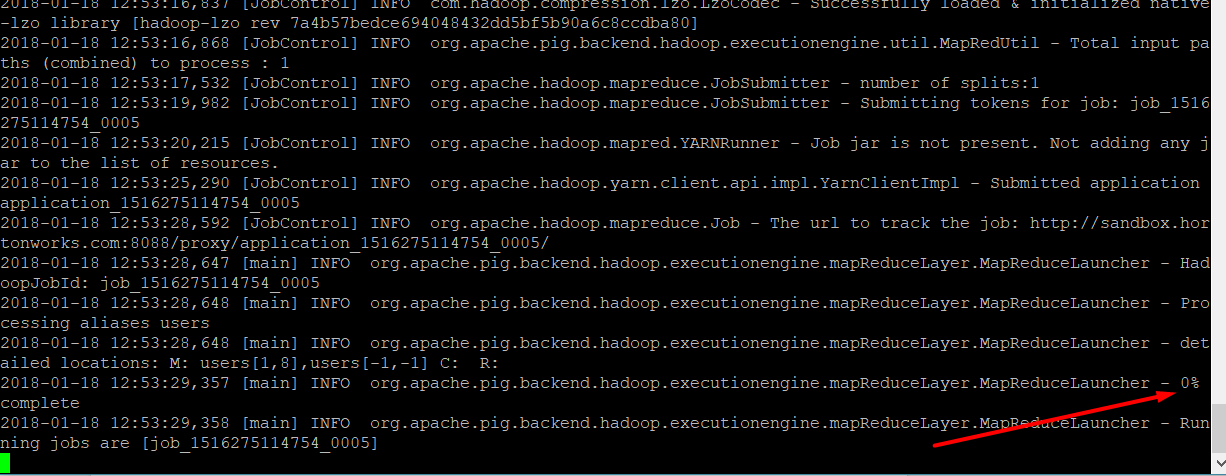
Now lets run the script

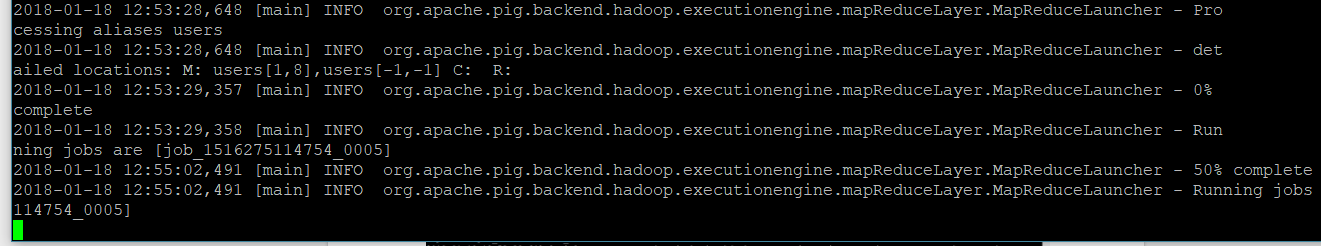


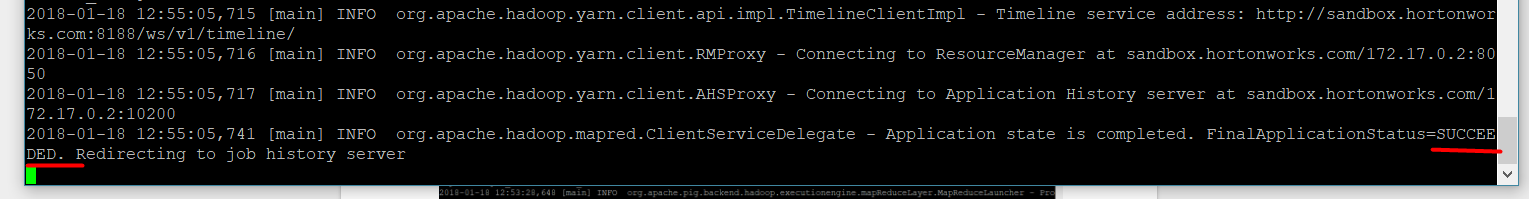
So far so good the pig start the job

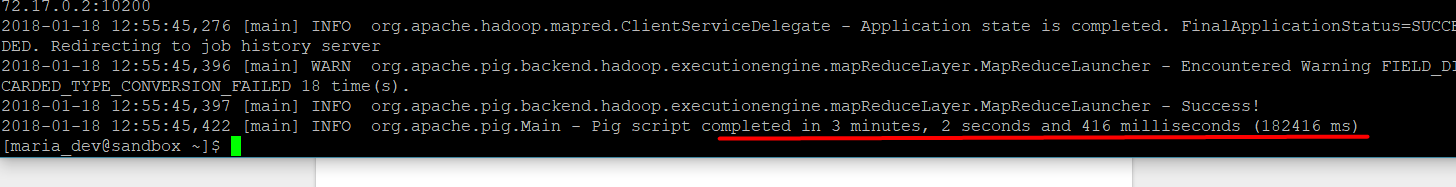




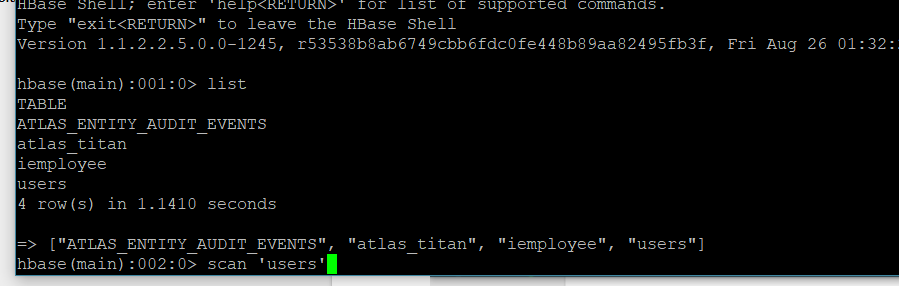


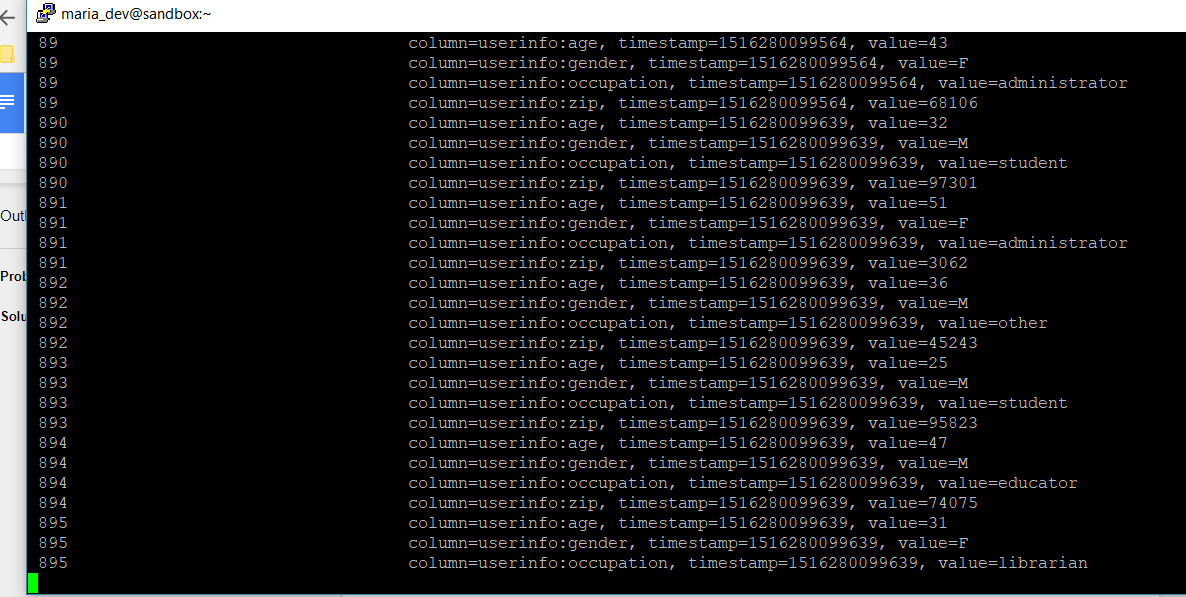


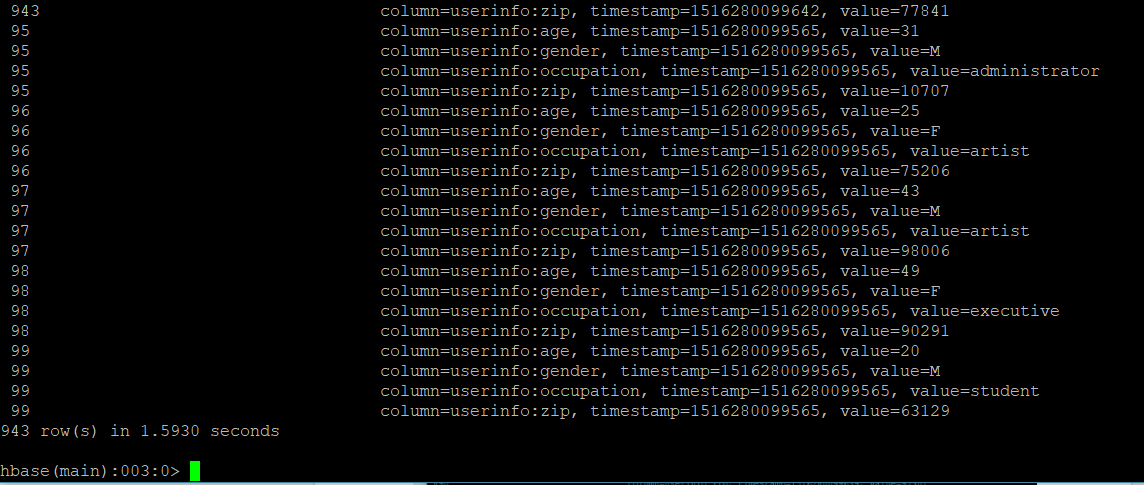




Lets enter the hbase again and take a pick on our data that just have been uploaded







As u can see the data indeed is present