PRACTICAL- 02

AIM:- Installation of HDP Sandbox and import in the VM box to visualize what's going on in the Hadoop.
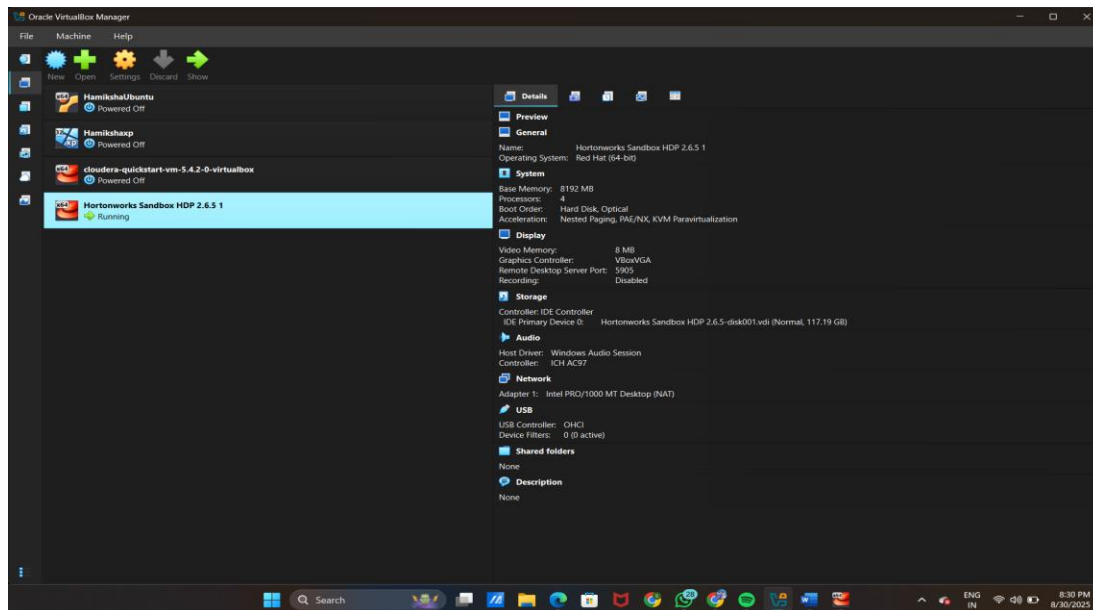
STEP-1 Download the VM box from the browse:

Link: https://www.virtualbox.org/wiki/Downloads

STEP-2 Download the HDP Sandbox file:

Link: https://www.cloudera.com

Step 3: Import the file in the VM box.

Step 4: Run the HDP Sandbox in the VMbox.

```
Hortonworks HDP Sandbox
https://hortonworks.com/products/sandbox

To quickly get started with the Hortonworks Sandbox, follow this tutorial:
https://hortonworks.com/tutorial/hadoop-tutorial-getting-started-with-hdp/
```
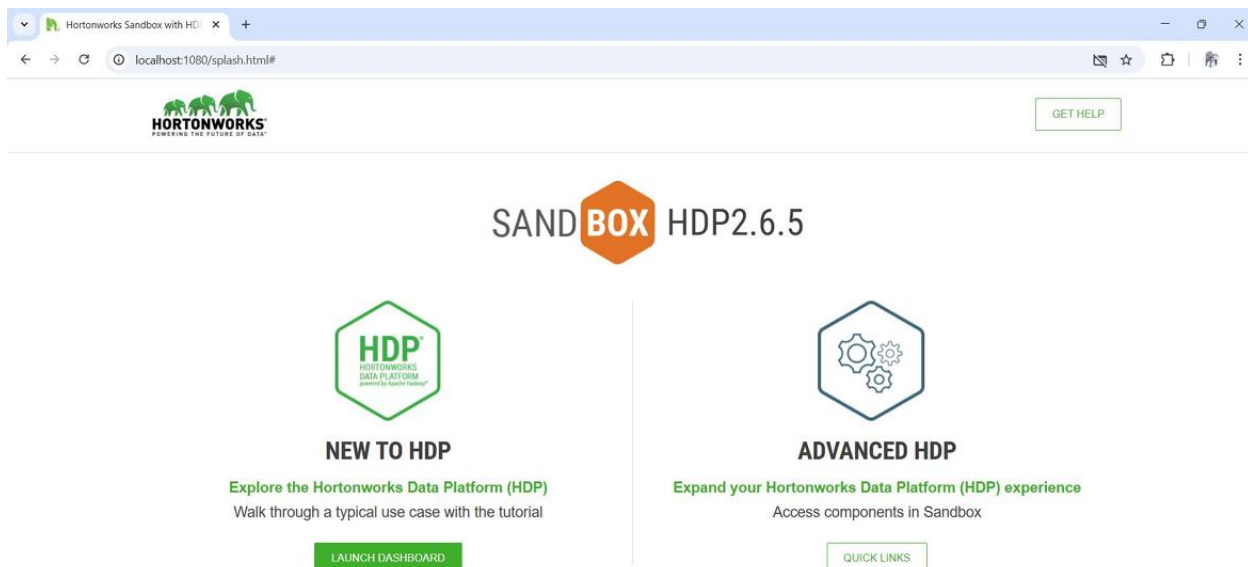
```
To initiate your Hortonworks Sandbox session, open a browser to this address:

For VirtualBox:
    Welcome screen:  http://localhost:1080
    SSH:   http://localhost:4200

For VMWare:
    Welcome screen:  http://10.0.2.15:1080
    SSH:   http://10.0.2.15:4200
```
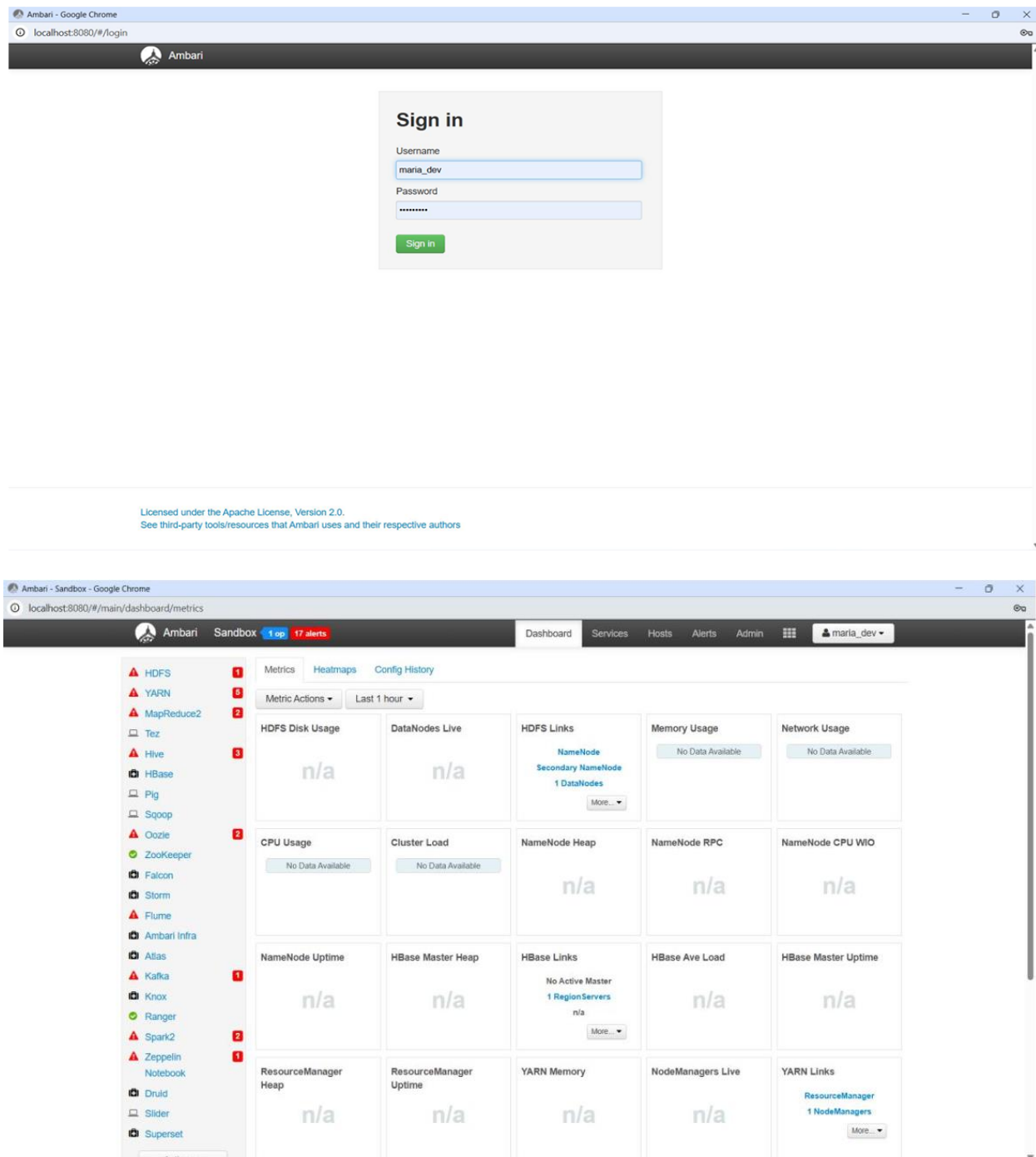
Step 5: Run the link in the browser.

SANDBOX HDP2.6.5

NEW TO HDP
Explore the Hortonworks Data Platform (HDP)
Walk through a typical use case with the tutorial

LAUNCH DASHBOARD

ADVANCED HDP
Expand your Hortonworks Data Platform (HDP) experience
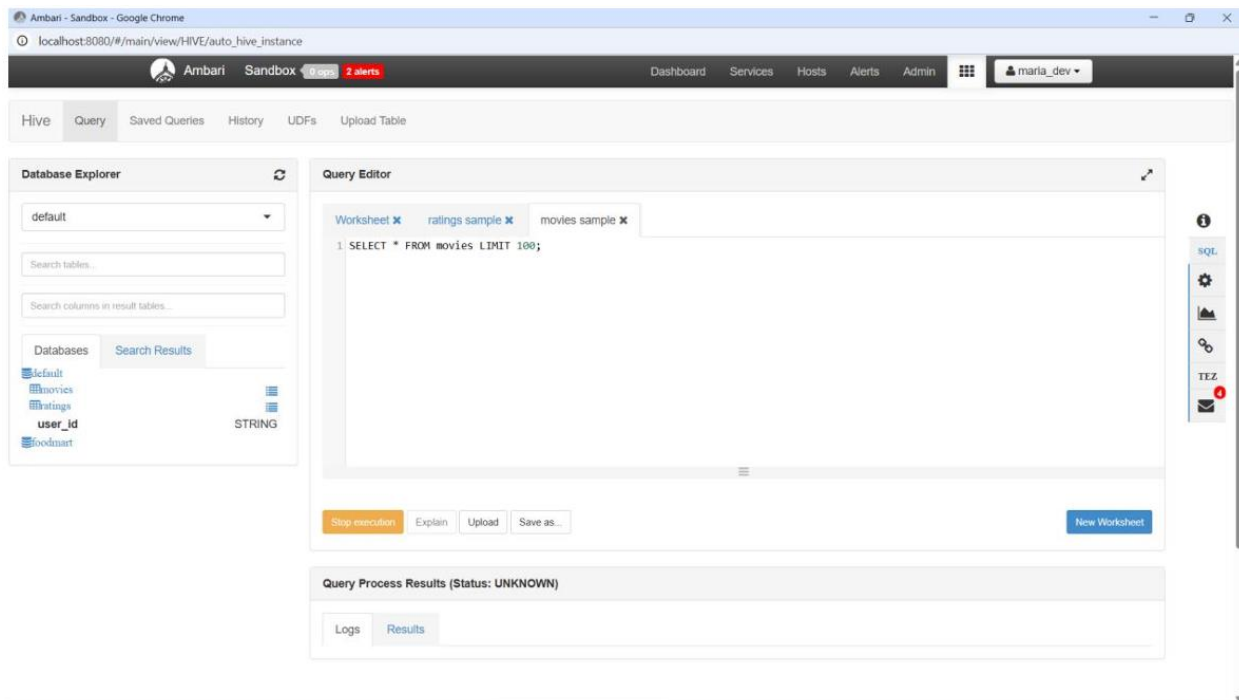Access components in Sandbox

QUICK LINKS

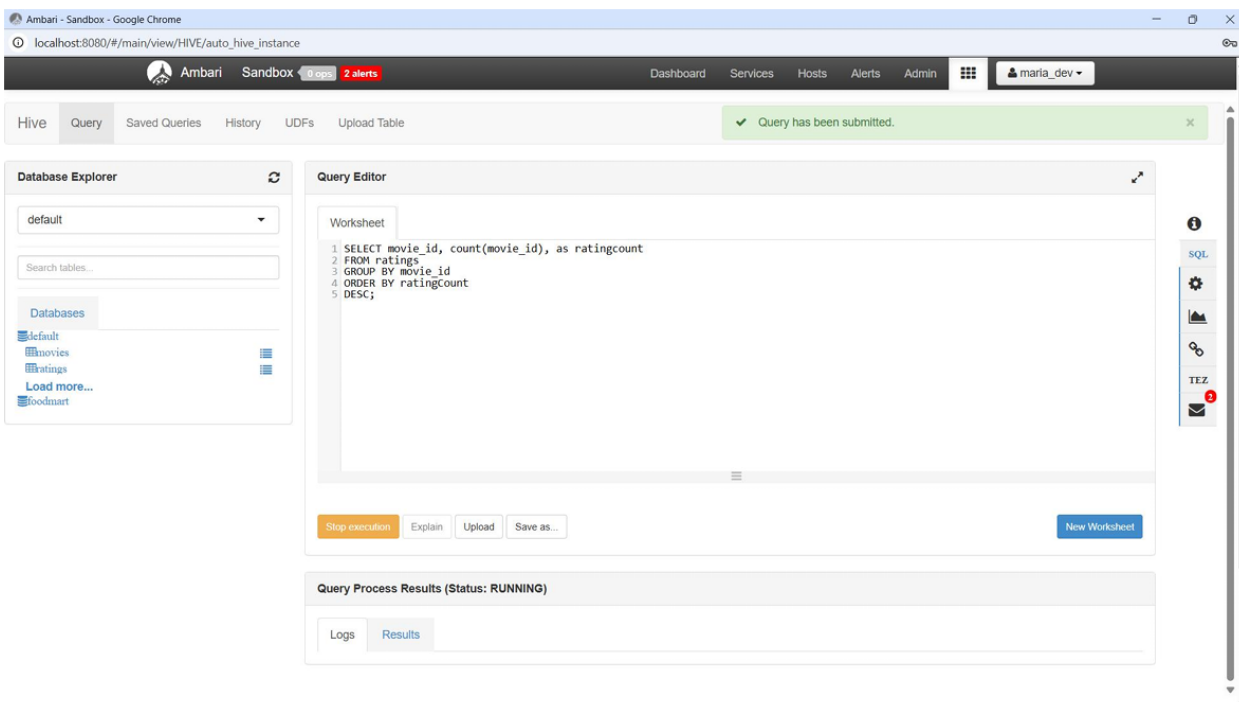**Step 6:** Login in the Ambari Sandbox.

Step 7:Download any two Datasets file. Step 8:Upload the files in the Ambari Sandbox.We will import the data from the local file there to import data open the hive view After hive view click on the upload table option Select the csv file type & set the file delimiter

type to the 9 (i.e horixontal tab) Choose the file from your local system) i.e u.dat a file) Rename the table

Step 8: Write the SQL Query to perform operations.

Query Process Results (Status: SUCCEEDED)   Save results... ▾

Logs | Results

Filter columns...   previous | next

movies.movie_id	movies.movie_name	movies.column3	movies.column4	movies.column5
1	Toy Story (1995)	01-Jan-1995	""	http://us.imdb.com/M/title-exact?Toy%20Story%20(1995)
2	GoldenEye (1995)	01-Jan-1995	""	http://us.imdb.com/M/title-exact?GoldenEye%20(1995)
3	Four Rooms (1995)	01-Jan-1995	""	http://us.imdb.com/M/title-exact?Four%20Rooms%20(1995)
4	Get Shorty (1995)	01-Jan-1995	""	http://us.imdb.com/M/title-exact?Get%20Shorty%20(1995)
5	Copycat (1995)	01-Jan-1995	""	http://us.imdb.com/M/title-exact?Copycat%20(1995)
6	Shanghai Triad (Yao a yao yao dao waipo qiao) (1995)	01-Jan-1995	""	http://us.imdb.com/Title?Yao+a+yao+yao+dao+waipo+qiao+(1995)
7	Twelve Monkeys (1995)	01-Jan-1995	""	http://us.imdb.com/M/title-exact?Twelve%20Monkeys%20(1995)
8	Babe (1995)	01-Jan-1995	""	http://us.imdb.com/M/title-exact?Babe%20(1995)
9	Dead Man Walking (1995)	01-Jan-1995	""	http://us.imdb.com/M/title-exact?Dead%20Man%20Walking%20(1995)
10	Richard III (1995)	22-Jan-1996	""	http://us.imdb.com/M/title-exact?Richard%20III%20(1995)
11	Seven (Se7en) (1995)	01-Jan-1995	""	http://us.imdb.com/M/title-exact?Se7en%20(1995)
12	Usual Suspects, The (1995)	14-Aug-1995	""	http://us.imdb.com/M/title-exact?Usual%20Suspects,%20The%20(1995)
13	Mighty Aphrodite (1995)	30-Oct-1995	""	http://us.imdb.com/M/title-exact?Mighty%20Aphrodite%20(1995)

Query Process Result

Logs | Results

Filter columns...

movies.movie_id	m
1	To
2	G
3	F
4	G
5	C
6	S a qi
7	T (1
8	B
9	D (1
10	R
11	S (1
12	U (1