**HBASE Assignment1**

**TASK2**

Access the hbase data from hive

For the above hbase table create a corresponding hive table and access the data by running queries in hive

Created external table in hive below:

CREATE EXTERNAL TABLE stocksymbolbyvarioususerToHBase(rowkey string,stock\_symbol string, commentid string, userid string, displayname string, active string, comment string)STORED BY 'org.apache.hadoop.hive.hbase.HBaseStorageHandler'WITH SERDEPROPERTIES ('hbase.columns.mapping' = ':key,info:stock\_symbol,info:commentid,info:userid,info:displayname,info:active,info:comment')TBLPROPERTIES ('hbase.table.name' = 'aastha\_db:stocksymbolvarioususer');

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**What are the various comments given by all the users?**

select userid,comment from stocksymbolbyvarioususerToHBase;

hive> select userid,comment from stocksymbolbyvarioususerToHBase;

OK

user1 I have this one on my radar.

user1 Interesting value proposition but too early to know if they will survive.

user2 like this one but would suggest waiting a few months.

user2 Not obvious yet but this stock is gonna be a huge winner.

user3 Buy it now before the rush.

user3 Dump this one fast!

Time taken: 0.647 seconds, Fetched: 6 row(s)

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**What are the comments by user3?**

select userid, comment from stocksymbolbyvarioususerToHBase where userid ='user3';

Total MapReduce CPU Time Spent: 8 seconds 690 msec

OK

user3 Buy it now before the rush.

user3 Dump this one fast!

Time taken: 32.577 seconds, Fetched: 2 row(s)

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**Which users have inactive comments?**

select userid from stocksymbolbyvarioususerToHBase where active='False';

Total MapReduce CPU Time Spent: 8 seconds 320 msec

OK

user2

user3

Time taken: 27.834 seconds, Fetched: 2 row(s)

