## Q: Q. W A Query to perform max no of share traded Industry wise, Sector Wise, Company Wise.

#### Nyse 2009.csv columns

stockticker string, tradingdate string,

open\_price float,

high\_price float,

low\_price float, close price float,

volume bigint

#### Company data.csv

symbol string, name string,

lastsale decimal,

marketcap decimal,

col 5 string,

col\_6 string,

sector string,

industry string,

url string

## Creating Schema "Comp1" for CompanyData

hive> CREATE TABLE IF NOT EXISTS Comp1 (Symbol String, name String, lastsale decimal, mktcap decimal, col5 string, col6 string, sector string, industry string, urladd string) ROW FORMAT DELIMITED FIELDS TERMINATED BY "|" STORED AS TEXTFILE;

#### Loading Data in "Comp1"

Hive> load data local inpath '//home/deep/Downloads/BigDataHadoop103-main/sample\_data/companylist\_noheader.csv' into table Comp1;

#### describe comp1;

OK

symbol string string name lastsale

decimal(10,0) decimal(10,0) mktcap col5 string col6 string

sector string industry string urladd string

# Creating Schema "stock1" for NYSE 2009.csv

Hive> CREATE TABLE IF NOT EXISTS stock1 (StockSticker String, TrdDate String, OpenPrice Float, HighPrice Float, LowPrice Float, close\_price float, volume bigint) ROW FORMAT DELIMITED FIELDS TERMINATED BY "," STORED AS TEXTFILE;

# Loading Data in "stock1"

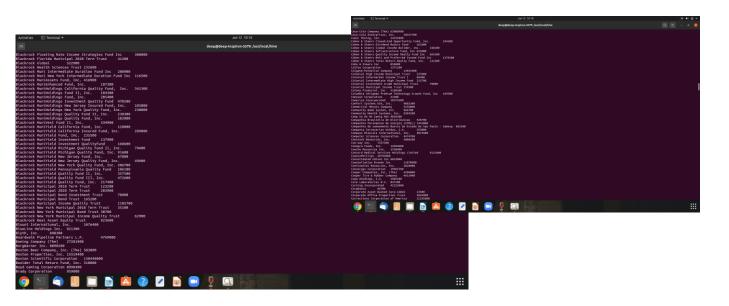
Hive> load data local inpath '/home/deep/Downloads/BigDataHadoop103-main/sample\_data/nyse\_2009.csv' into table stock1;

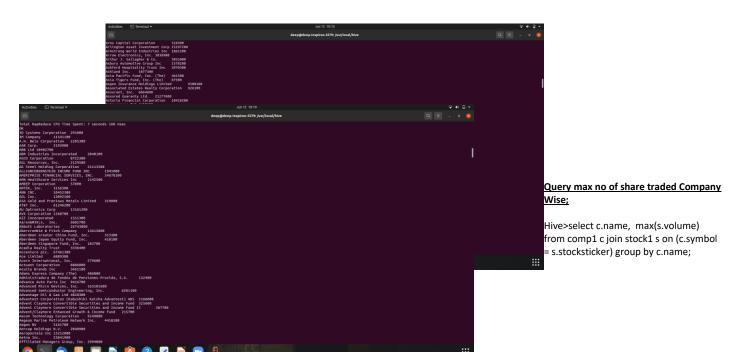
# describe stock1;

OK

stocksticker string string trddate openprice float highprice float lowprice float float close price volume bigint

Query max no of share traded Industry Wise;  $\rightarrow$  Hive> select c.industry, max(s.volume) from comp1 c join stock1 s on (c.symbol = s.stocksticker) group by c.industry;





## Query max no of share traded Sector Wise;

Hive> select c.sector, max(s.volume) from comp1 c join stock1 s on (c.symbol = s.stocksticker) group by c.sector;

