** create table nyse

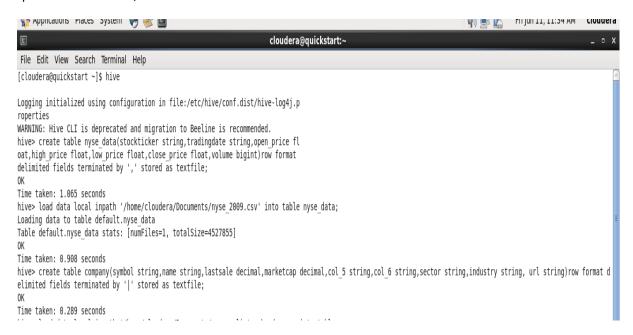
create table nyse_data(stockticker string,tradingdate string,open_price float,high_price float,low_price float,close_price float,volume bigint)row format delimited fields terminated by ',' stored as textfile;

**load data in nyse

load data local inpath '/home/cloudera/Documents/nyse_2009.csv' into table nyse_data;

** create table company

create table company(symbol string,name string,lastsale decimal,marketcap decimal,col_5 string,col_6 string,sector string,industry string, url string)row format delimited fields terminated by '|' stored as textfile;



** load data in company table

load data local inpath '/home/cloudera/Documents/companylist_noheader.csv' into table company;

**Sql Query

1. for company wise

SELECT c.name as company_name ,max(n.volume) as max_share_count FROM nyse_data n join company as c on n.stockticker=c.symbol group by c.name order by max_share_count desc LIMIT 1;

Result- Bank of America Corporation 1226792000

2. for industry wise

SELECT c.industry as industry_name ,max(n.volume) as max_share_count FROM nyse_data n join company as c on n.stockticker=c.symbol group by c.industry order by max_share_count desc LIMIT 1;

Result- Major Banks 1226792000

3. for sector wise

SELECT c.sector as sector_name ,max(n.volume) as max_share_count FROM nyse_data n join company as c on n.stockticker=c.symbol group by c.sector order by max_share_count desc LIMIT 1;

Result- Finance 1226792000