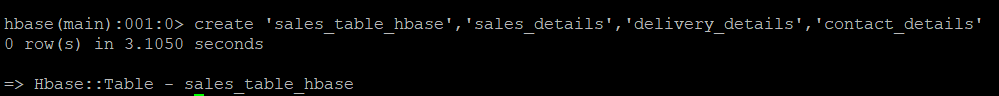
# HIVE and HBASE connection

**1.Create a table in hbase**

create 'sales\_table\_hbase','sales\_details','delivery\_details','contact\_details'



**2. Create main hive table**

create external table if not exists hive\_hbase(

key int,

order\_number int,

quantity\_order int,

price\_each decimal(10,0),

order\_line\_number int,

sales decimal(10,0),

status varchar(10),

qtr\_id varchar(10),

month\_id int,

year\_id int,

product\_line varchar(30),

msrp int,

product\_code varchar(15),

phone varchar(30),

city varchar(20),

state varchar(20),

postal\_code varchar(15),

country varchar(15),

territory varchar(15),

contact\_last\_name varchar(50),

contact\_first\_name varchar(50),

deal\_size varchar(50)

)

ROW FORMAT DELIMITED

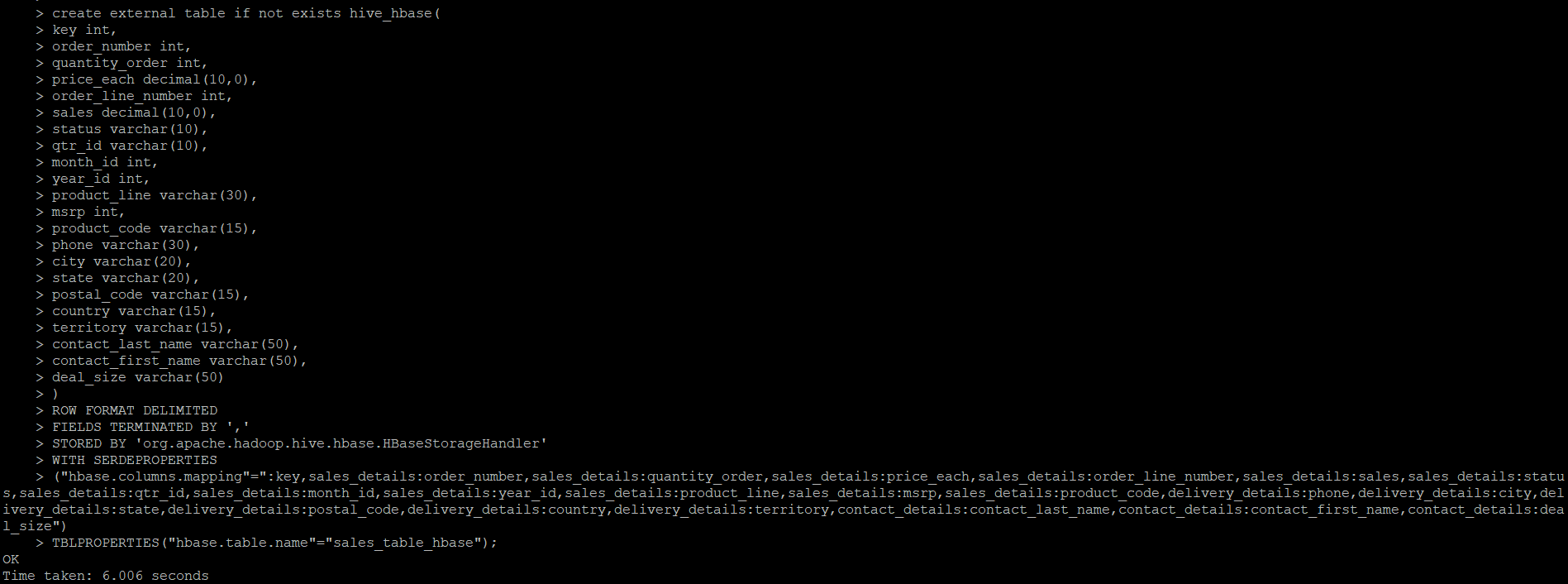
FIELDS TERMINATED BY ','

STORED BY 'org.apache.hadoop.hive.hbase.HBaseStorageHandler'

WITH SERDEPROPERTIES

("hbase.columns.mapping"=":key,sales\_details:order\_number,sales\_details:quantity\_order,sales\_details:price\_each,sales\_details:order\_line\_number,sales\_details:sales,sales\_details:status,sales\_details:qtr\_id,sales\_details:month\_id,sales\_details:year\_id,sales\_details:product\_line,sales\_details:msrp,sales\_details:product\_code,delivery\_details:phone,delivery\_details:city,delivery\_details:state,delivery\_details:postal\_code,delivery\_details:country,delivery\_details:territory,contact\_details:contact\_last\_name,contact\_details:contact\_first\_name,contact\_details:deal\_size")

TBLPROPERTIES("hbase.table.name"="sales\_table\_hbase");



**3. Create a Staging table**

create external table if not exists stage\_hive\_hbase(

key int,

order\_number int,

quantity\_order int,

price\_each decimal(10,0),

order\_line\_number int,

sales decimal(10,0),

status varchar(10),

qtr\_id varchar(10),

month\_id int,

year\_id int,

product\_line varchar(30),

msrp int,

product\_code varchar(15),

phone varchar(30),

city varchar(20),

state varchar(20),

postal\_code varchar(15),

country varchar(15),

territory varchar(15),

contact\_last\_name varchar(50),

contact\_first\_name varchar(50),

deal\_size varchar(50)

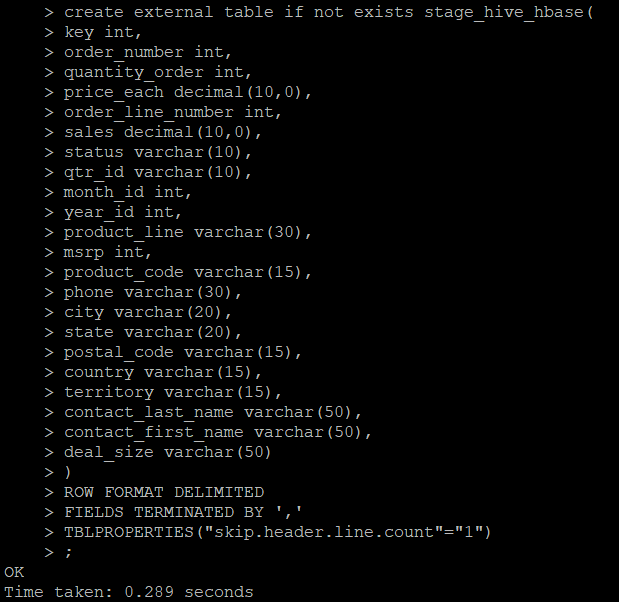
)

ROW FORMAT DELIMITED

FIELDS TERMINATED BY ','

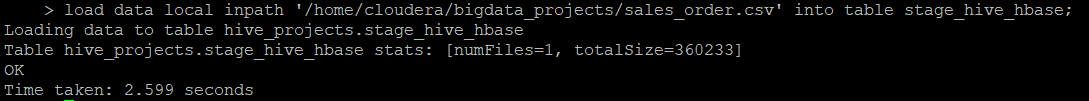
TBLPROPERTIES("skip.header.line.count"="1")

;



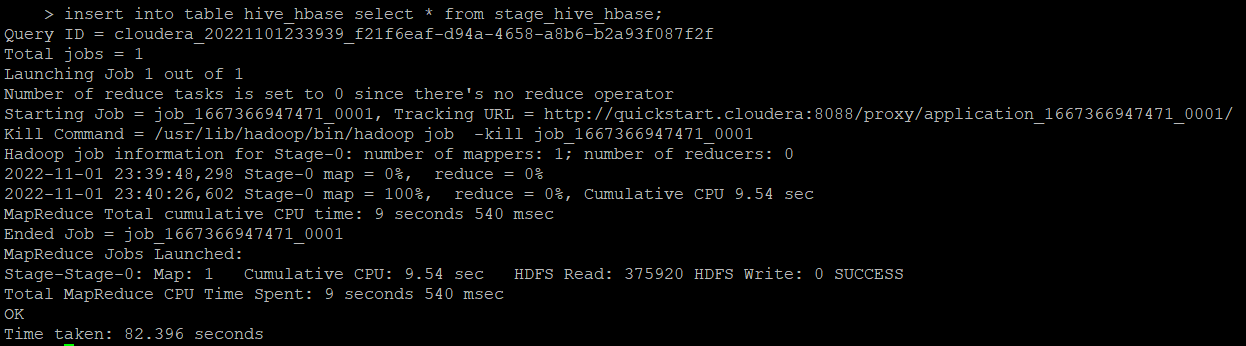
**4.Load data into stage\_hive\_hbase**

load data local inpath '/home/cloudera/bigdata\_projects/sales\_order.csv' into table stage\_hive\_hbase;



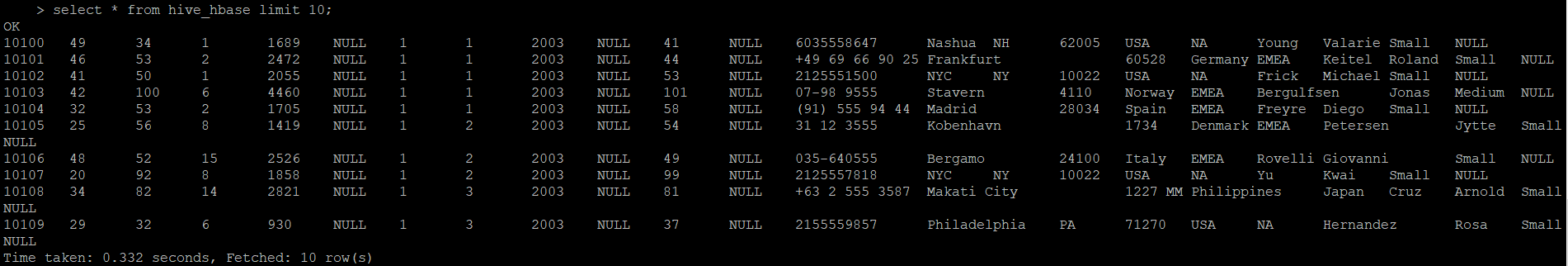
**5.Load data into main table from staging**

insert into table hive\_hbase select \* from stage\_hive\_hbase;

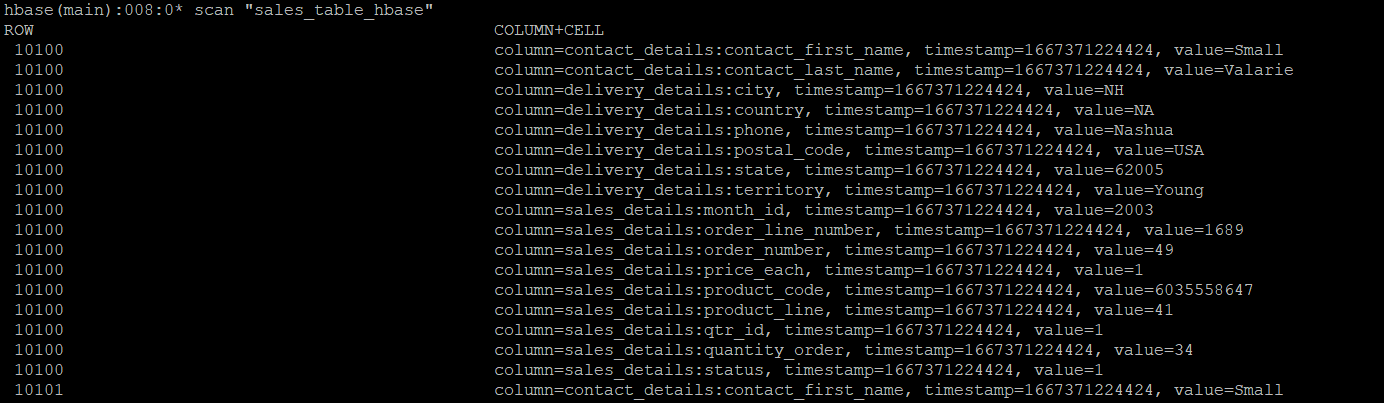


Successfully loaded into hive table

select \* from hive\_hbase limit 10;



scan "sales\_table\_hbase"



count "sales\_table\_hbase"

