A close up of words

Description automatically generated

A black text with numbers

Description automatically generated

Create table command used :

CREATE TABLE facebook(userid INT, age INT, dob\_day INT, dob\_year INT, dob\_month INT, gender VARCHAR(10), tenure INT, friend\_count INT, friendships\_initiated INT, likes INT, likes\_received INT, mobile\_likes INT, mobile\_likes\_received INT, www\_likes INT, www\_likes\_received INT) ROW FORMAT DELIMITED FIELDS TERMINATED BY ','

LINES TERMINATED BY '\n'

STORED As TextFile

tblproperties(

"skip.header.line.count"="1"

);A screenshot of a computer

Description automatically generated

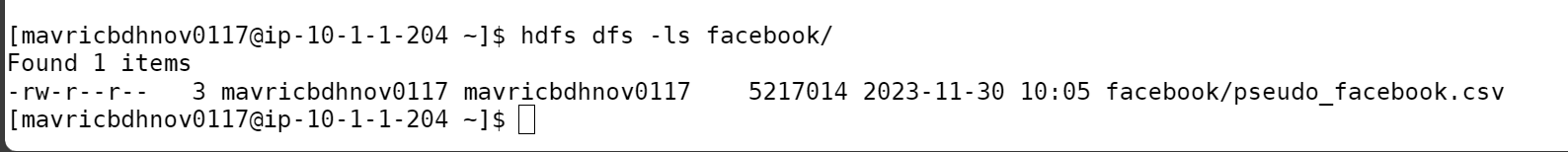
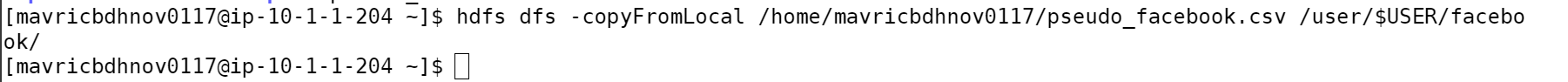
A screenshot of a computer

Description automatically generated

Command used to move files from local to hdfs path

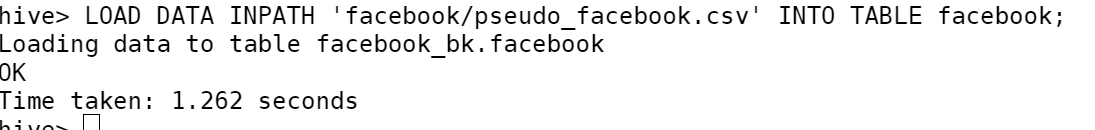
hdfs dfs -copyFromLocal /home/mavricbdhnov0117/pseudo\_facebook.csv /user/$USER/facebo

ok/



Command Used :

LOAD DATA INPATH 'facebook/pseudo\_facebook.csv' INTO TABLE facebook;



1ST Question:

Command used :

select count(distinct userid) from facebook;

Answer:  
99003

A screenshot of a computer

Description automatically generatedQuestion 2:

Command used :

select count(\*) from facebook where age >25;

Answer:

56676

A screenshot of a computer

Description automatically generated3rd Question:

Command used :

select gender, AVG(friend\_count) from facebook where gender IN ('male', 'female') group by gender;

Answer :

Female

A close-up of a computer screen

Description automatically generated

Question 4:

Command used : select CASE when age < 30 then 'young' else 'old' end as age\_group, SUM(likes\_received) as total\_likes\_received FROM facebook group by age<30;

Answer : Young people

A black background with white text

Description automatically generated

Question 5:

Command used : select dob\_month, count(\*) from facebook where dob\_month IS NOT NULL group by dob\_month order by dob\_month;

A screenshot of a computer

Description automatically generated

Question 6:

select 'Young' as age\_group,SUM(mobile\_likes) as mobile\_likes,SUM(www\_likes) as computer\_likes FROM facebook\_sk\_db.facebook where age <= 25 group by 'Young';

Question 7:

select 'Adult' as age\_group,SUM(mobile\_likes) as mobile\_likes,SUM(www\_likes) as computer\_likes FROM facebook\_sk\_db.facebook where age <= 25 group by 'Adult';