HIVE ASSIGNMENT   
  
FACEBOOK

CREATE DATABASE facebook\_sk\_db;

CREATE TABLE facebook (  
   userid INT,  
   age INT,  
   dob\_day INT,  
   dob\_year INT,  
   dob\_month INT,  
   gender STRING,  
   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 ','

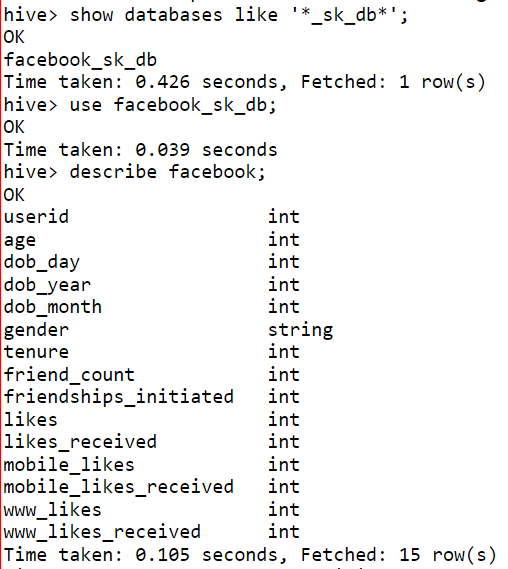
LINES TERMINATED BY '\n'

STORED As TextFile

tblproperties(

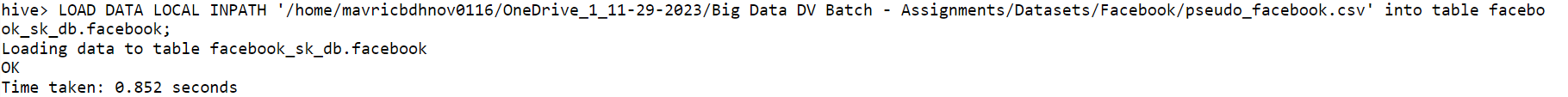
"skip.header.line.count"="1"

);



A computer screen shot of a computer code

Description automatically generated



LOAD DATA LOCAL INPATH ‘home/mavricbdhnov0116/OneDrive\_1\_11-29-2023/Big Data DV Batch – Assignments/Datasets/Facebook/pseudo\_facebook.csv’ INTO TABLE facebook\_sk\_db.facebook;

A group of numbers on a white background

Description automatically generated

select count(\*) as total\_users from facebook\_sk\_db.facebook;

A close up of text

Description automatically generated

select count(\*) as users\_above\_25 from facebook\_sk\_db.facebook where age > 25;

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Description automatically generated

SELECT gender, count(friend\_count) as avg\_friend\_count from facebook\_sk\_db.facebook group by gender;

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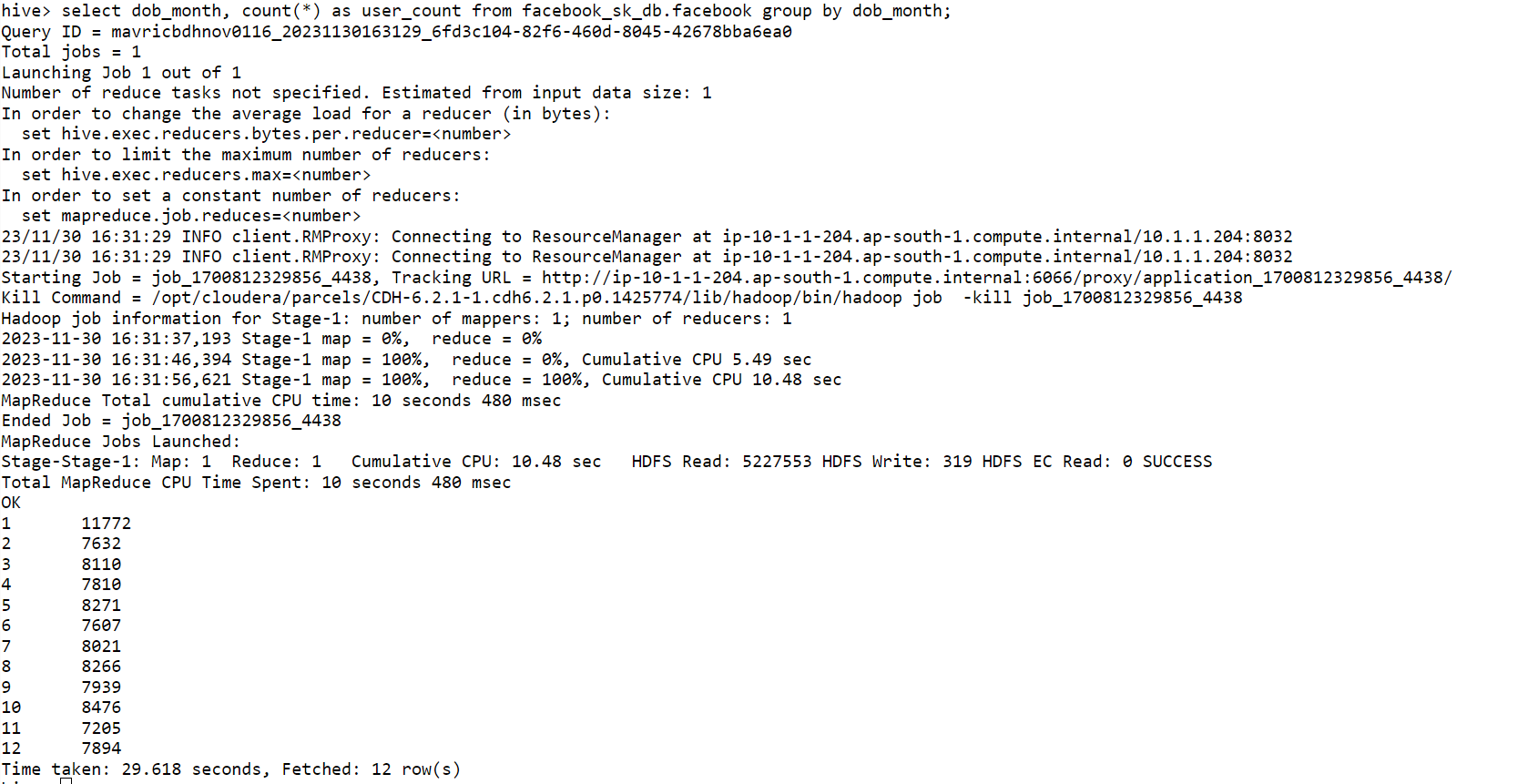
Description automatically generated

select if (age <= 25, 'Young', 'Old') as age\_group,sum(likes\_received) as total\_likes\_received from facebook\_sk\_db.facebook group by if(age <= 25, 'Young', 'Old');

A close up of text

Description automatically generated

select dob\_month, count(\*) as user\_count from facebook\_sk\_db.facebook group by dob\_month;



select 'Young' as age\_group,SUM(mobile\_likes) as mobile\_likes,SUM(www\_likes) as computer\_likes FROM facebook\_sk\_db.facebook where age < 18 group by   'Young';

A close up of text

Description automatically generated

select 'Adult' as age\_group,SUM(mobile\_likes) as mobile\_likes,SUM(www\_likes) as computer\_likes FROM facebook\_sk\_db.facebook where age >= 18 and age < 61 group by   ‘Adult’;

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Description automatically generated