Create table facebook

hive> CREATE TABLE facebook (userid int ,age int,dob\_day int, dob\_year int,dob\_month int, gender string, tenure int,friend\_count int , frie

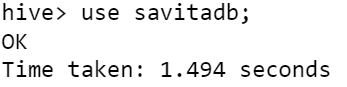
ndships\_initiated int , likes int , likes\_received int , mobile\_likes int , mobile\_likes\_received int , www\_likes int , www\_likes\_received

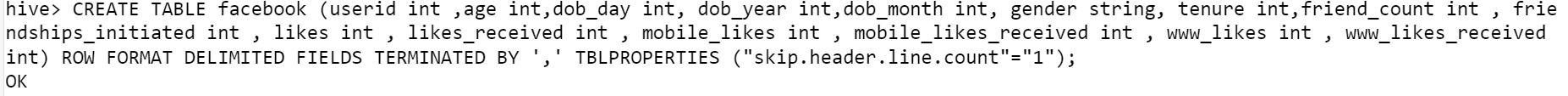
int) ROW FORMAT DELIMITED FIELDS TERMINATED BY ',' TBLPROPERTIES ("skip.header.line.count"="1");

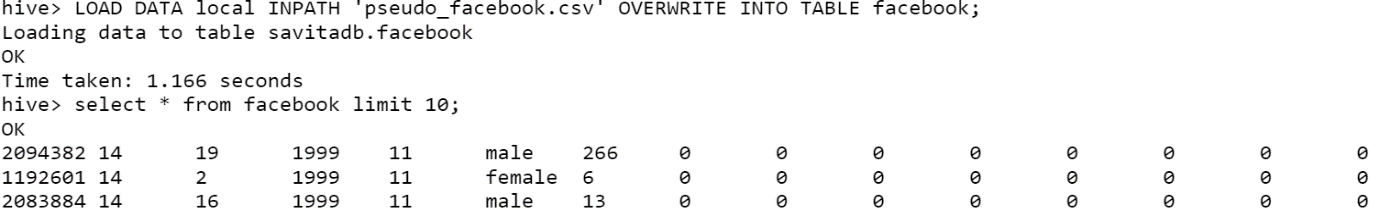
OK

Time taken: 0.485 seconds

hive>

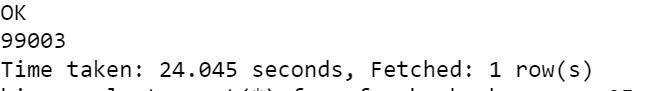






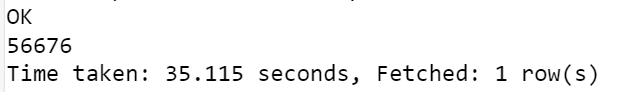
Q1: Find out the total no of users in the dataset

hive> select count(\*) from facebook;



Q2: Find out the no of users above the age of 25

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



Q3: Do male face book users tend to have more friends or female users

hive> select sum(friend\_count) from facebook where gender='male' and friend\_count>0;

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Description automatically generated

hive> select sum(friend\_count) from facebook where gender='female' and friend\_count>0;

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Q4: How many likes do young people receive on facebook as opposed to old people

1. I Choice young people - minors age<19

hive> select sum(likes\_received) from facebook where age<19;

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1. I Choice old people - adults age>18

hive> select sum(likes\_received) from facebook where age>18;

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Q5: Find out the count of facebook users for each birthday month

hive> select dob\_month, count(\*) from facebook group by dob\_month;

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Description automatically generated

Q6: Do young members use mobile phones or computers for facebook browsing

hive> with q1 as (select sum(mobile\_likes + mobile\_likes\_received) s1 from facebook where age<19), q2 as (select sum(www\_likes + www\_likes\_

received) s2 from facebook where age<19) select case when q1.s1 > q2.s2 then 'Mobile' when q1.s1<q2.s2 then 'Web' else '' end as result from q1,q2;

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Description automatically generated

A close-up of a number

Description automatically generated

hive> with q1 as (select sum(mobile\_likes + mobile\_likes\_received) from facebook where age<19) , q2 as (select sum(www\_likes + www\_likes\_re

ceived) from facebook where age<19) select \* from q1,q2;

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Description automatically generated

young members

q1 for Mobile\_likes so mobile user= 4704827

q2 for www\_likes so browser user= 2800190

Q7: Do adult members use mobile phones or computers for facebook browsing

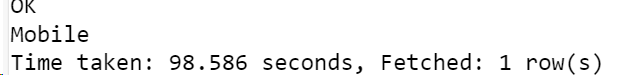
hive> with q1 as (select sum(mobile\_likes + mobile\_likes\_received) s1 from facebook where age>18) , q2 as (select sum(www\_likes + www\_likes

\_received) s2 from facebook where age>18) select case when q1.s1 > q2.s2 then 'Mobile' when q1.s1<q2.s2 then 'Web' else '' end as result f

rom q1,q2;

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Description automatically generated



hive> with q1 as (select sum(mobile\_likes + mobile\_likes\_received) from facebook where age>18) , q2 as (select sum(www\_likes + www\_likes\_re

ceived) from facebook where age>18) select \* from q1,q2;

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Description automatically generated

adult members

q1 for Mobile\_likes so mobile user= 14129186

q2 for www\_likes so browser user= 7944730