hive> create table twitter13(id int ,age int,day int,year int ,month int,gender string,retweet int,friend int ,friendships\_init int,likes int,likes\_recd int,app\_likes i

nt,app\_likes\_received int ,web\_likes int,web\_likes\_received int

) row format delimited fields terminated by','stored as textfile location '/project01/';

OK

Time taken: 0.849 seconds

hive> desc twitter13;

OK

id int

age int

day int

year int

month int

gender string

retweet int

friend int

friendships\_init int

likes int

likes\_recd int

app\_likes int

app\_likes\_received int

web\_likes int

web\_likes\_received int

Time taken: 0.618 seconds, Fetched: 15 row(s)

hive> select \* from twitter13 limit 5;

OK

NULL NULL NULL NULL NULL NULL NULL NULL NULL NULL NULL NULL NULL NULL NULL

2094382 14 19 1999 11 male 266 0 0 0 0 0 0 0 0

1192601 14 2 1999 11 female 6 0 0 0 0 0 0 0 0

2083884 14 16 1999 11 male 13 0 0 0 0 0 0 0 0

1203168 14 25 1999 12 female 93 0 0 0 0 0 0 0 0

Time taken: 0.239 seconds, Fetched: 5 row(s)

hive> select \* from twitter13 limit 5;

OK

2094382 14 19 1999 11 male 266 0 0 0 0 0 0 0 0

1192601 14 2 1999 11 female 6 0 0 0 0 0 0 0 0

2083884 14 16 1999 11 male 13 0 0 0 0 0 0 0 0

1203168 14 25 1999 12 female 93 0 0 0 0 0 0 0 0

1733186 14 4 1999 12 male 82 0 0 0 0 0 0 0 0

Time taken: 0.164 seconds, Fetched: 5 row(s)

hive> select count(\*) from twitter13;

Query ID = root\_20210820075907\_4d6865ce-b8e3-47ce-87b4-858df8a6864e

Total jobs = 1

Launching Job 1 out of 1

Tez session was closed. Reopening...

Session re-established.

Status: Running (Executing on YARN cluster with App id application\_1629434394514\_0006)

--------------------------------------------------------------------------------

**VERTICES STATUS TOTAL COMPLETED RUNNING PENDING FAILED KILLED**

--------------------------------------------------------------------------------

Map 1 .......... SUCCEEDED 1 1 0 0 0 0

Reducer 2 ...... SUCCEEDED 1 1 0 0 0 0

--------------------------------------------------------------------------------

**VERTICES: 02/02 [==========================>>] 100% ELAPSED TIME: 7.10 s**

--------------------------------------------------------------------------------

OK

99003

Time taken: 16.759 seconds, Fetched: 1 row(s)

hive> select count(\*) from twitter13 where age>20;

Query ID = root\_20210820075957\_85022851-3c46-4460-a543-3c3e90e2f744

Total jobs = 1

Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application\_1629434394514\_0006)

--------------------------------------------------------------------------------

**VERTICES STATUS TOTAL COMPLETED RUNNING PENDING FAILED KILLED**

--------------------------------------------------------------------------------

Map 1 .......... SUCCEEDED 1 1 0 0 0 0

Reducer 2 ...... SUCCEEDED 1 1 0 0 0 0

--------------------------------------------------------------------------------

**VERTICES: 02/02 [==========================>>] 100% ELAPSED TIME: 5.94 s**

--------------------------------------------------------------------------------

OK

74251

Time taken: 7.09 seconds, Fetched: 1 row(s)

hive> select avg(friends) from twitter13 where gender='male';

FAILED: SemanticException [Error 10004]: Line 1:11 Invalid table alias or column reference 'friends': (possible column names are: id, age, day, year, month, gender, ret

weet, friend, friendships\_init, likes, likes\_recd, app\_likes, app\_likes\_received, web\_likes, web\_likes\_received)

hive> select avg(friend) from twitter13 where gender='male';

Query ID = root\_20210820080208\_e37a5386-78a6-4773-be0d-aebe4270ebd4

Total jobs = 1

Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application\_1629434394514\_0006)

--------------------------------------------------------------------------------

**VERTICES STATUS TOTAL COMPLETED RUNNING PENDING FAILED KILLED**

--------------------------------------------------------------------------------

Map 1 .......... SUCCEEDED 1 1 0 0 0 0

Reducer 2 ...... SUCCEEDED 1 1 0 0 0 0

--------------------------------------------------------------------------------

**VERTICES: 02/02 [==========================>>] 100% ELAPSED TIME: 7.79 s**

--------------------------------------------------------------------------------

OK

165.03545941885477

Time taken: 8.893 seconds, Fetched: 1 row(s)

hive> select avg(friend) from twitter13 where gender='female';

Query ID = root\_20210820080228\_24dd2f37-3b6d-4a51-b65d-eb57d883022e

Total jobs = 1

Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application\_1629434394514\_0006)

--------------------------------------------------------------------------------

**VERTICES STATUS TOTAL COMPLETED RUNNING PENDING FAILED KILLED**

--------------------------------------------------------------------------------

Map 1 .......... SUCCEEDED 1 1 0 0 0 0

Reducer 2 ...... SUCCEEDED 1 1 0 0 0 0

--------------------------------------------------------------------------------

**VERTICES: 02/02 [==========================>>] 100% ELAPSED TIME: 0.77 s**

--------------------------------------------------------------------------------

OK

241.96994087544095

Time taken: 2.225 seconds, Fetched: 1 row(s)

hive> select avg(friend) from twitter13 group by gender;

Query ID = root\_20210820080347\_d8cc9f05-7fa2-4e66-812e-f4021ca3d82e

Total jobs = 1

Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application\_1629434394514\_0006)

--------------------------------------------------------------------------------

**VERTICES STATUS TOTAL COMPLETED RUNNING PENDING FAILED KILLED**

--------------------------------------------------------------------------------

Map 1 .......... SUCCEEDED 1 1 0 0 0 0

Reducer 2 ...... SUCCEEDED 1 1 0 0 0 0

--------------------------------------------------------------------------------

**VERTICES: 02/02 [==========================>>] 100% ELAPSED TIME: 5.78 s**

--------------------------------------------------------------------------------

OK

184.41142857142856

241.96994087544095

165.03545941885477

Time taken: 6.946 seconds, Fetched: 3 row(s)

hive> select avg(likes\_recd) from twitter13 where age>=12 AND age<=25;

Query ID = root\_20210820080552\_8688e975-de5e-4e1e-9e2e-c2e1cad25411

Total jobs = 1

Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application\_1629434394514\_0006)

--------------------------------------------------------------------------------

**VERTICES STATUS TOTAL COMPLETED RUNNING PENDING FAILED KILLED**

--------------------------------------------------------------------------------

Map 1 .......... SUCCEEDED 1 1 0 0 0 0

Reducer 2 ...... SUCCEEDED 1 1 0 0 0 0

--------------------------------------------------------------------------------

**VERTICES: 02/02 [==========================>>] 100% ELAPSED TIME: 6.35 s**

--------------------------------------------------------------------------------

OK

200.2870508186264

Time taken: 7.559 seconds, Fetched: 1 row(s)

hive> select avg(likes\_recd) from twitter13 where age>=12;

Query ID = root\_20210820080708\_70478f1f-60f1-4a5c-a8ef-08ec70b811e9

Total jobs = 1

Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application\_1629434394514\_0006)

--------------------------------------------------------------------------------

**VERTICES STATUS TOTAL COMPLETED RUNNING PENDING FAILED KILLED**

--------------------------------------------------------------------------------

Map 1 .......... SUCCEEDED 1 1 0 0 0 0

Reducer 2 ...... SUCCEEDED 1 1 0 0 0 0

--------------------------------------------------------------------------------

**VERTICES: 02/02 [==========================>>] 100% ELAPSED TIME: 5.63 s**

--------------------------------------------------------------------------------

OK

142.6893629485975

Time taken: 6.571 seconds, Fetched: 1 row(s)

hive> select months,count(\*) from twitter12 from group by months;

FAILED: ParseException line 1:38 cannot recognize input near 'twitter12' 'from' 'group' in from source 0

hive> select months,count(\*) from twitter12 group by months;

Query ID = root\_20210820080915\_ee733ef2-6a3b-462a-9f5d-6f1e93d08b81

Total jobs = 1

Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application\_1629434394514\_0006)

--------------------------------------------------------------------------------

**VERTICES STATUS TOTAL COMPLETED RUNNING PENDING FAILED KILLED**

--------------------------------------------------------------------------------

Map 1 .......... SUCCEEDED 1 1 0 0 0 0

Reducer 2 ...... SUCCEEDED 1 1 0 0 0 0

--------------------------------------------------------------------------------

**VERTICES: 02/02 [==========================>>] 100% ELAPSED TIME: 5.68 s**

--------------------------------------------------------------------------------

OK

10 8

12 36

13 8

14 32

16 8

17 8

19 8

45 4

Time taken: 6.997 seconds, Fetched: 8 row(s)

hive> select months,count(\*) from twitter13 group by months;

FAILED: SemanticException [Error 10004]: Line 1:47 Invalid table alias or column reference 'months': (possible column names are: id, age, day, year, month, gender, retw

eet, friend, friendships\_init, likes, likes\_recd, app\_likes, app\_likes\_received, web\_likes, web\_likes\_received)

hive> select month,count(\*) from twitter13 group by month;

Query ID = root\_20210820081035\_6a576634-9ca9-4a7f-801a-d9e9dc3276ff

Total jobs = 1

Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application\_1629434394514\_0006)

--------------------------------------------------------------------------------

**VERTICES STATUS TOTAL COMPLETED RUNNING PENDING FAILED KILLED**

--------------------------------------------------------------------------------

Map 1 .......... SUCCEEDED 1 1 0 0 0 0

Reducer 2 ...... SUCCEEDED 1 1 0 0 0 0

--------------------------------------------------------------------------------

**VERTICES: 02/02 [==========================>>] 100% ELAPSED TIME: 6.90 s**

--------------------------------------------------------------------------------

OK

1 11772

2 7632

3 8110

4 7810

5 8271

6 7607

7 8021

8 8266

9 7939

10 8476

11 7205

12 7894

Time taken: 8.078 seconds, Fetched: 12 row(s)

--------------------------------------------------------------------------------

**VERTICES STATUS TOTAL COMPLETED RUNNING PENDING FAILED KILLED**

--------------------------------------------------------------------------------

Map 1 .......... SUCCEEDED 1 1 0 0 0 0

Reducer 2 ...... SUCCEEDED 1 1 0 0 0 0

--------------------------------------------------------------------------------

**VERTICES: 02/02 [==========================>>] 100% ELAPSED TIME: 6.21 s**

--------------------------------------------------------------------------------

OK

123.98981737425284

Time taken: 7.104 seconds, Fetched: 1 row(s)

hive> select avg(app\_likes),avg(web\_likes) from twitter13 where age>=13 AND age<=25;

Query ID = root\_20210820081433\_cdcf659b-fbaa-4554-bd69-dac05d13dbbf

Total jobs = 1

Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application\_1629434394514\_0006)

--------------------------------------------------------------------------------

**VERTICES STATUS TOTAL COMPLETED RUNNING PENDING FAILED KILLED**

--------------------------------------------------------------------------------

Map 1 .......... SUCCEEDED 1 1 0 0 0 0

Reducer 2 ...... SUCCEEDED 1 1 0 0 0 0

--------------------------------------------------------------------------------

**VERTICES: 02/02 [==========================>>] 100% ELAPSED TIME: 6.81 s**

--------------------------------------------------------------------------------

OK

123.98981737425284 55.50010631511801

Time taken: 7.65 seconds, Fetched: 1 row(s)

hive> select avg(app\_likes),avg(web\_likes) from twitter13 where age>=35;

Query ID = root\_20210820081510\_a25296f4-084b-43c8-9822-3e457fa2fb29

Total jobs = 1

Launching Job 1 out of 1

Status: Running (Executing on YARN cluster with App id application\_1629434394514\_0006)

--------------------------------------------------------------------------------

**VERTICES STATUS TOTAL COMPLETED RUNNING PENDING FAILED KILLED**

--------------------------------------------------------------------------------

Map 1 .......... SUCCEEDED 1 1 0 0 0 0

Reducer 2 ...... SUCCEEDED 1 1 0 0 0 0

--------------------------------------------------------------------------------

**VERTICES: 02/02 [==========================>>] 100% ELAPSED TIME: 4.00 s**

--------------------------------------------------------------------------------

OK

94.55878302560441 56.50313679485872

Time taken: 4.845 seconds, Fetched: 1 row(s)

at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

at java.lang.reflect.Method.invoke(Method.java:498)

at org.apache.hadoop.util.RunJar.run(RunJar.java:233)

at org.apache.hadoop.util.RunJar.main(RunJar.java:148)

FAILED: ParseException line 1:60 cannot recognize input near 'field' 'terminated' 'by' in serde properties specification

hive> insert overwrite directory '/exp/hive' row format delimited fields terminated by',' select month.count(month) from twitter13 group by month;

FAILED: SemanticException Line 0:-1 Invalid function 'month.count'

hive> insert overwrite directory '/exp/hive' row format delimited fields terminated by',' select month.count(month) from twitter13 group by month;

FAILED: SemanticException Line 0:-1 Invalid function 'month.count'

hive> insert overwrite directory '/exp/hive' row format delimited fields terminated by',' select month,count(month) from twitter13 group by month;

Query ID = root\_20210820104649\_1cacabbd-7e78-44ac-a909-289029ee52a9

Total jobs = 1

Launching Job 1 out of 1

Tez session was closed. Reopening...

FAILED: Execution Error, return code 1 from org.apache.hadoop.hive.ql.exec.tez.TezTask

hive> insert overwrite directory '/exp/hive' row format delimited fields terminated by',' select month,count(month) from twitter13 group by month;

Query ID = root\_20210820104658\_bec8f1cb-a335-4d54-a331-f3bd7cd9bfb8

Total jobs = 1

Launching Job 1 out of 1

FAILED: Execution Error, return code 1 from org.apache.hadoop.hive.ql.exec.tez.TezTask

hive> insert overwrite directory '/exp/hive' row format delimited fields terminated by',' select month,count(month) from twitter13 group by month;

Query ID = root\_20210820104754\_3b710140-d017-4fd1-a1db-b2d812879800

Total jobs = 1

Launching Job 1 out of 1

Tez session was closed. Reopening...

FAILED: Execution Error, return code 1 from org.apache.hadoop.hive.ql.exec.tez.TezTask

hive> insert overwrite directory '/exp/hive/' row format delimited fields terminated by',' select month,count(month) from twitter13 group by month;

Query ID = root\_20210820104905\_4c20f2cb-2bb3-421f-b6cc-7506b7c2fbb7

Total jobs = 1

Launching Job 1 out of 1

FAILED: Execution Error, return code 1 from org.apache.hadoop.hive.ql.exec.tez.TezTask

hive> insert overwrite directory '/exp/hive/' row format delimited fields terminated by',' select month,count(month) from twitter13 group by month;

Query ID = root\_20210820104922\_504da244-7ad8-407f-b203-00db65d2d438

Total jobs = 1

Launching Job 1 out of 1

Tez session was closed. Reopening...

FAILED: Execution Error, return code 1 from org.apache.hadoop.hive.ql.exec.tez.TezTask

hive> insert overwrite directory '/exp/hive/' row format delimited fields terminated by ',' select month,count(month) from twitter13 group by month;

Query ID = root\_20210820104936\_0ddb03ad-5a21-4ead-ba9e-4ab0584a6bcf

Total jobs = 1

Launching Job 1 out of 1

FAILED: Execution Error, return code 1 from org.apache.hadoop.hive.ql.exec.tez.TezTask

hive> insert overwrite directory '/exp/hive' row format delimited fields terminated by ',' select month,count(month) from twitter13 group by month;

Query ID = root\_20210820105103\_b90ff266-d787-4890-a9cd-5ba213ad42c7

Total jobs = 1

Launching Job 1 out of 1

Tez session was closed. Reopening...

FAILED: Execution Error, return code 1 from org.apache.hadoop.hive.ql.exec.tez.TezTask

hive> insert overwrite directory '/exp/hiv' row format delimited fields terminated by ',' select month,count(month) from twitter13 group by month;

Query ID = root\_20210820105121\_db9c2982-a06b-4222-908b-6a8e53310100

Total jobs = 1

Launching Job 1 out of 1

FAILED: Execution Error, return code 1 from org.apache.hadoop.hive.ql.exec.tez.TezTask

hive> insert overwrite directory '/ex/hiv' row format delimited fields terminated by ',' select month,count(month) from twitter13 group by month;

Query ID = root\_20210820105133\_63e3c581-6fbe-410a-b784-042c5343aa5f

Total jobs = 1

Launching Job 1 out of 1

Tez session was closed. Reopening...

FAILED: Execution Error, return code 1 from org.apache.hadoop.hive.ql.exec.tez.TezTask

hive> insert overwrite directory '/x/hiv' row format delimited fields terminated by ',' select month,count(month) from twitter13 group by month;

Query ID = root\_20210820105146\_d18f6e04-75c7-4dd4-9040-66ea9481dd27

Total jobs = 1

Launching Job 1 out of 1

FAILED: Execution Error, return code 1 from org.apache.hadoop.hive.ql.exec.tez.TezTask

hive> insert overwrite directory '/x/hiv' row format delimited fields terminated by ',' select month,count(month) from twitter13 group by month;

Query ID = root\_20210820105320\_f3977b9d-e2e9-45a6-b916-f4c8f45a4480

Total jobs = 1

Launching Job 1 out of 1

Tez session was closed. Reopening...

FAILED: Execution Error, return code 1 from org.apache.hadoop.hive.ql.exec.tez.TezTask

hive> insert overwrite directory '/copy/dirct' row format delimited fields terminated by ',' select month,count(month) from twitter13 group by month;

Query ID = root\_20210820105341\_b0a88fb6-b549-4b70-9bfa-60f7e78a156d

Total jobs = 1

Launching Job 1 out of 1

FAILED: Execution Error, return code 1 from org.apache.hadoop.hive.ql.exec.tez.TezTask

hive> insert overwrite directory '/copy/dirct' row format delimited fields terminated by ',' select month,count(month) from twitter13 group by month;

create table partitioned\_twitter14(id int ,age int,day int,year int ,month int,gender string,retweet int,friend int ,friendships\_init int,likes int,likes\_recd int

,app\_likes int) partitioned by (web\_likes\_count int);

insert overwrite table partitioned\_twitter13 partition(web\_likes) select \* from twitter13;