**Facebook Data Analysis (Hive Assignment)**

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

**Query**: select count (\*) As Total\_users

from default.pseudo\_facebook;

**Output**: A screenshot of a computer

Description automatically generated

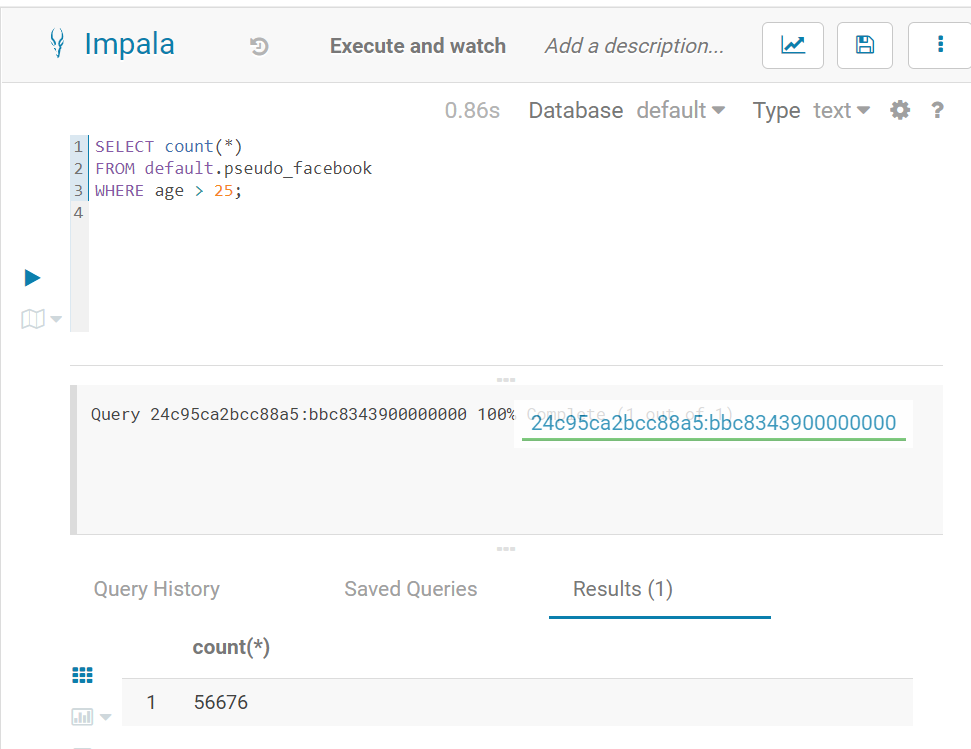
**Q2**: Find out the no of users above the age of 25.

**Query:** SELECT count(\*)

FROM default.pseudo\_facebook

WHERE age > 25;

**Output**:



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

**Query:** SELECT gender, avg(friend\_count) as avg\_friends

FROM default.pseudo\_facebook

GROUP BY gender;

**Output:**

**A screenshot of a computer

Description automatically generated**

**A screenshot of a social media account

Description automatically generated**

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

**Query:** SELECT

CASE

WHEN age < 30 THEN 'Young'

WHEN age >= 30 AND age <= 50 THEN 'Middle-aged'

ELSE 'Old'

END AS age\_group,

SUM(likes) AS total\_likes

FROM default.pseudo\_facebook

GROUP BY

CASE

WHEN age < 30 THEN 'Young'

WHEN age >= 30 AND age <= 50 THEN 'Middle-aged'

ELSE 'Old'

END;

**Output:**A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated

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

**Query:** SELECT count (\*) as NO\_Of\_Users

FROM default.pseudo\_facebook

GROUP BY dob\_month;

**Output**:

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

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

**Query**: SELECT

CASE

WHEN age < 30 THEN 'Young'

ELSE 'Not Young'

END AS age\_group,

sum(mobile\_likes) as total\_mobile\_Users,

sum(www\_likes) as total\_computer\_Users

FROM default.pseudo\_facebook

WHERE age <30

GROUP BY

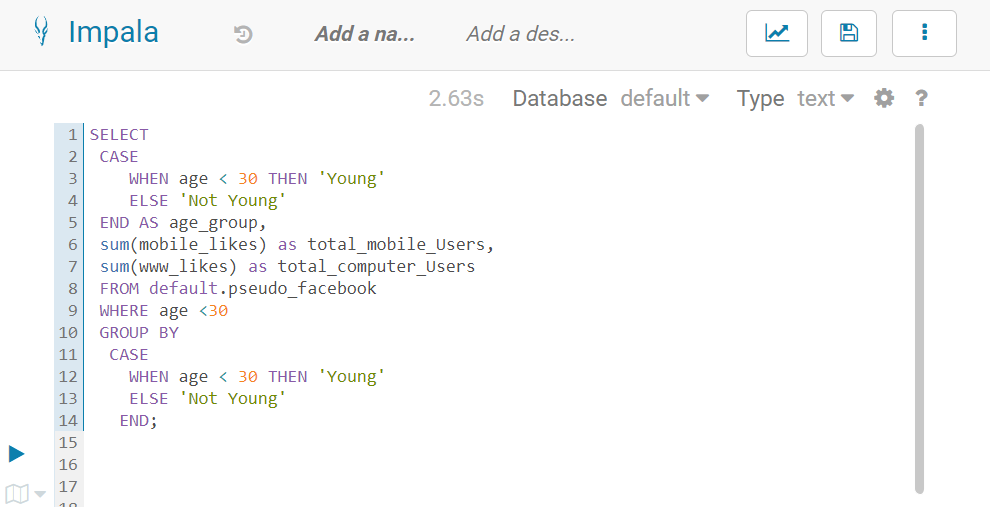
CASE

WHEN age < 30 THEN 'Young'

ELSE 'Not Young'

END;

**Output**:



A screenshot of a phone

Description automatically generated

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

**Query**: SELECT

CASE

WHEN age BETWEEN 18 and 30 THEN 'Adult'

ELSE 'Not Adult'

END AS age\_group,

sum(mobile\_likes) as total\_mobile\_Users,

sum(www\_likes) as total\_computer\_Users

FROM default.pseudo\_facebook

WHERE age BETWEEN 18 and 30

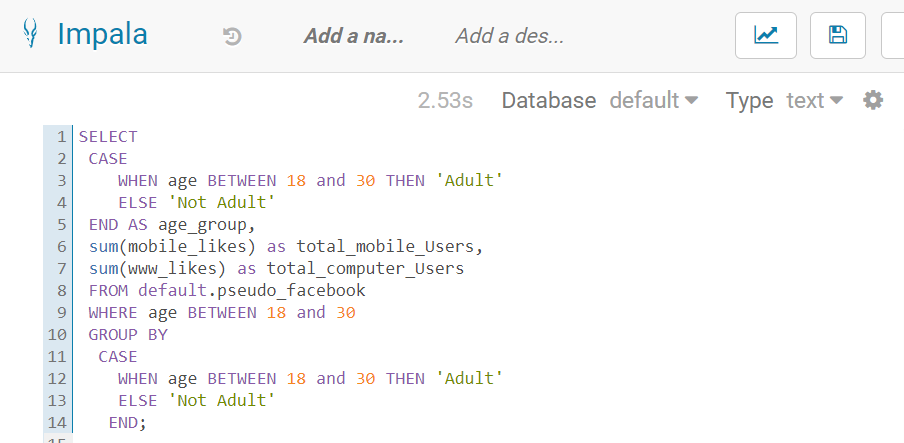
GROUP BY

CASE

WHEN age BETWEEN 18 and 30 THEN 'Adult'

ELSE 'Not Adult'

END;

**Output:** ****

A screenshot of a phone

Description automatically generated