**FACEBOOK ANALYSIS**

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

SELECT COUNT(\*) AS total\_users FROM facebook;

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

SELECT COUNT(\*) AS users\_above\_25 FROM facebook WHERE age > 25;

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

SELECT gender,AVG(friend\_count) AS average\_friend\_count FROM facebook GROUP BY gender;

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

SELECT age\_group,SUM(likes\_received) AS total\_likes\_received FROM (SELECT CASE WHEN age < 30 THEN 'Young' ELSE 'Old' END AS age\_group, likes\_received FROM facebook) subquery GROUP BY age\_group;

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

SELECT dob\_month, COUNT(\*) AS user\_count FROM facebook GROUP BY dob\_month ORDER BY dob\_month;

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

WITH age\_device AS (

    SELECT

        CASE

            WHEN age < 30 THEN 'Young'

            ELSE 'Old'

        END AS age\_group,

        CASE

            WHEN mobile\_likes > 0 THEN 'Mobile'

            ELSE 'Computer'

        END AS device\_type

    FROM facebook

)

SELECT

    age\_group,

    device\_type,

    COUNT(\*) AS user\_count

FROM age\_device

GROUP BY age\_group, device\_type;

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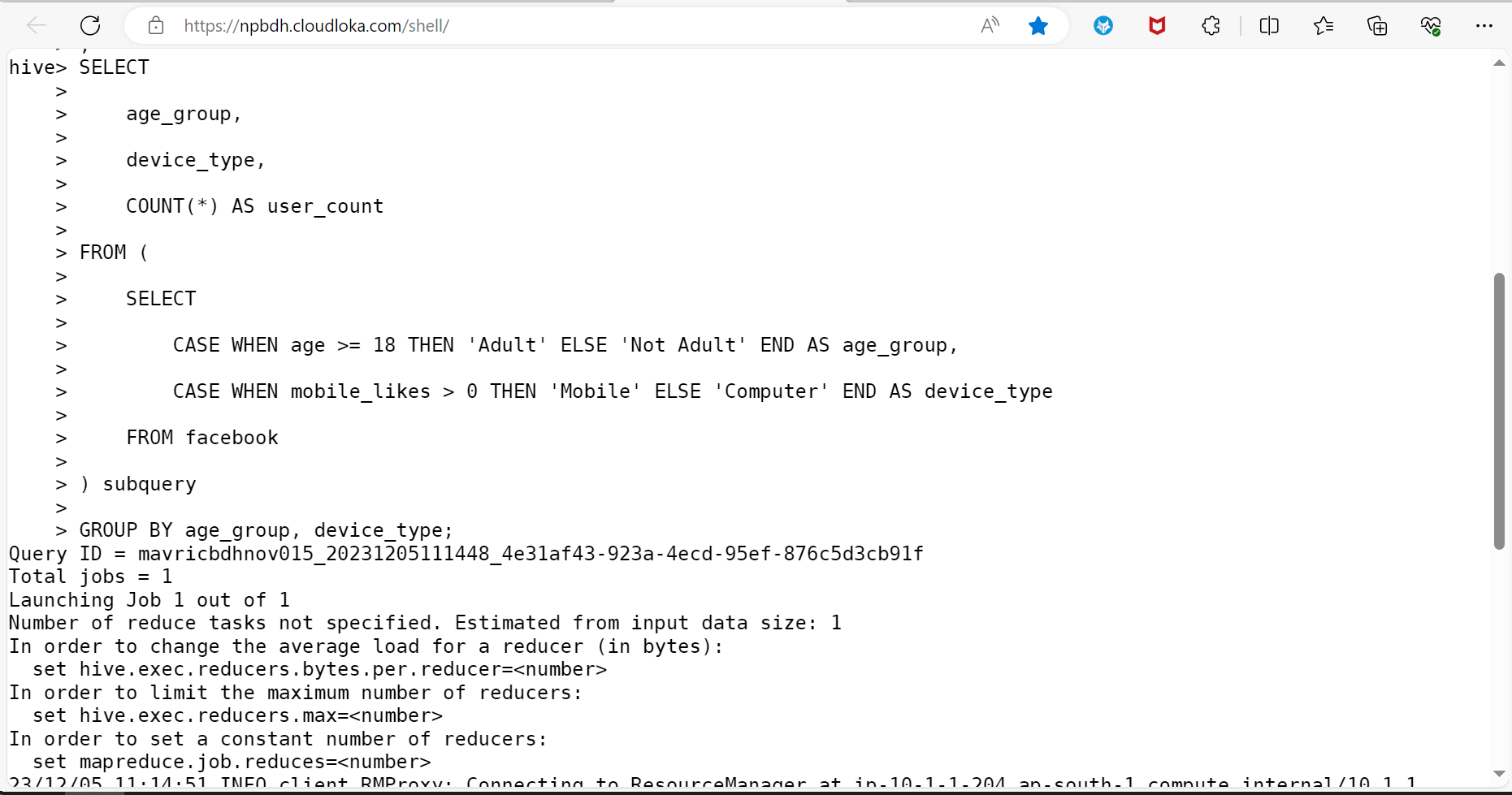
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**Q7: Do adult members use mobile phones or computers for facebook browsing**



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