Schema sql

CREATE TABLE students (

student\_id INT PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(100),

email VARCHAR(100),

age INT,

major VARCHAR(50),

city VARCHAR(50)

);

INSERT INTO students (name, email, age, major, city) VALUES

('Alice Johnson', 'alice@example.com', 20, 'Computer Science', 'New York'),

('Bob Smith', 'bob@example.com', 22, 'Mathematics', 'Chicago'),

('Carol White', 'carol@example.com', 19, 'Biology', 'Los Angeles'),

('Bob Smith', NULL, 22, 'Mathematics', 'Chicago'),

(NULL, 'carol@example.com', 19, 'Biology', 'Los Angeles'),

('David Lee', 'david@example.com', NULL, 'History', 'Houston'),

('Eva Green', 'eva@example.com', 21, NULL, 'Phoenix'),

('Frank Brown', 'frank@example.com', 23, 'Economics', NULL),

('Grace Kim', NULL, NULL, NULL, NULL),

(NULL, 'carol@example.com', 19, 'Biology', 'Los Angeles'),

('David Lee', 'david@example.com', NULL, 'History', 'Houston'),

('Eva Green', 'eva@example.com', 21, NULL, 'Phoenix'),

('Frank Brown', 'frank@example.com', 23, 'Economics', NULL),

('Grace Kim', NULL, NULL, NULL, NULL),

(NULL, 'carol@example.com', 19, 'Biology', 'Los Angeles');

Query sql

UPDATE students

SET name = 'Carol White'

WHERE email = 'carol@example.com';

UPDATE students

SET city = 'San Francisco'

WHERE name = 'Frank Brown';

UPDATE students

SET major = 'Undeclared'

WHERE major IS NULL;

DELETE FROM students

WHERE name IS NULL AND email IS NULL;

DELETE FROM students

WHERE email IS NULL AND city IS NULL;

DELETE FROM students

WHERE email IS NULL ;

UPDATE students

SET age = 25

WHERE age IS NULL;

select \* from students;

