

SQL SELECT

Table: Customers

customer_id	first_name	last_name	age	country
1	John	Doe	41	USA
2	Robert	Luna	42	USA
3	David	Robinson	42	UK
4	John	Reinhardt	40	UK
5	Betty	Doe	41	UAE

first_name	last_name
John	Doe
Robert	Luna
David	Robinson
John	Reinhardt
Betty	Doe

SELECT first_name, last_name
FROM Customers;

SELECT *
FROM Customers;

customer_id	first_name	last_name	age	country
1	John	Doe	41	USA
2	Robert	Luna	42	USA
3	David	Robinson	42	UK
4	John	Reinhardt	40	UK
5	Betty	Doe	41	UAE

SELECT *
FROM customers
WHERE last_name = 'Doe';

customer_id	first_name	last_name	age	country
1	John	Doe	41	USA
5	Betty	Doe	41	UAE

SELECT age, country
FROM customers
WHERE country = 'USA';

age	country
41	USA
42	USA

SQL AND, OR, and NOT Operators

Table: Customers

customer_id	first-name	last-name	age	country
1	John	Doe	21	USA
2	Robert	Luna	22	USA
3	David	Robinson	22	UK
4	John	Reinhardt	20	UK
5	Betty	Doe	21	UAE

SELECT first-name, last-name
FROM Customers
WHERE country = 'USA' AND last-name = 'Doe';

first-name	last-name
John	Doe

SELECT first-name, last-name
FROM Customers
WHERE country = 'USA' OR last-name = 'Doe';

first-name	last-name
John	Doe
Robert	Luna
Betty	Doe

SELECT first-name, last-name
FROM Customers
WHERE NOT country = 'USA';

first-name	last-name
David	Robinson
John	Reinhardt
Betty	Doe

Table: Customers

customer-id	first-name	last-name	age	country
1	John	Doe	21	USA
2	Robert	Luna	22	USA
3	David	Robinson	22	UK
4	John	Reinhardt	20	UK
5	Betty	Doe	28	UAE

SELECT *

FROM Customers

WHERE (country = 'USA' OR country = 'UK') AND age < 22;

customer-id	first-name	last-name	age	Country
2	Robert	Luna	22	USA
3	David	Robinson	22	UK
4	John	Reinhardt	20	UK

SELECT *

FROM Customers

WHERE NOT country = 'USA' AND NOT last-name = 'Doe');

customer-id	first-name	last-name	age	Country
3	David	Robinson	22	UK
4	John	Reinhardt	20	UK