SQL QURIES

Customers:-

Select \* from Customers;

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| customer\_id | first\_name | last\_name | age | country |
| 1 | John | Doe | 31 | USA |
| 2 | Robert | Luna | 22 | USA |
| 3 | David | Robinson | 22 | UK |
| 4 | John | Reinhardt | 25 | UK |
| 5 | Betty | Doe | 28 | UAE |

select first\_name, last\_name from Customers;

|  |  |
| --- | --- |
| first\_name | last\_name |
| John | Doe |
| Robert | Luna |
| David | Robinson |
| John | Reinhardt |
| Betty | Doe |

select customer\_id, first\_name, country from Customers;

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | customer\_id | first\_name | country | | --- | --- | --- | | 1 | John | USA | | 2 | Robert | USA | | 3 | David | UK | | 4 | John | UK | | 5 | Betty | UAE | |

Select distinct customer\_id,first\_name, country from Customers;

|  |  |  |
| --- | --- | --- |
| customer\_id | first\_name | country |
| 1 | John | USA |
| 2 | Robert | USA |
| 3 | David | UK |
| 4 | John | UK |
| 5 | Betty | UAE |

select count(Distinct Country) from Customers; /\*table mei kitne country name hai uske liye count distinct ka use karte hai\*/

|  |
| --- |
| count(Distinct Country) |
| 3 |

Select count(\*) AS distinctcountry from (select distinct country from customers ); /\*table mei kitne country name hai uske liye count distinct ka use karte hai from (select distinct country from Customers);\*/

|  |
| --- |
| distinctcountry |
| 3 |

/\*Where Condition Statement \*/

select \* from Customers where country='USA';

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| customer\_id | first\_name | last\_name | age | country |
| 1 | John | Doe | 31 | USA |
| 2 | Robert | Luna | 22 | USA |

SELECT \* FROM Customers where age>25;

|  |  |  |  |
| --- | --- | --- | --- |
| first\_name | last\_name | age | country |
| John | Doe | 31 | USA |
| Betty | Doe | 28 | UAE |

SELECT \* FROM Customers ORDER BY age;/\* sara age coloum ascending order mei ho gya\*/

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| customer\_id | first\_name | last\_name | age | country |
| 2 | Robert | Luna | 22 | USA |
| 3 | David | Robinson | 22 | UK |
| 4 | John | Reinhardt | 25 | UK |
| 5 | Betty | Doe | 28 | UAE |
| 1 | John | Doe | 31 | USA |

SELECT \* FROM Customers Order By age Desc;/\* sara age col desending order mei ho gya\*/

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| customer\_id | first\_name | last\_name | age | country |
| 1 | John | Doe | 31 | USA |
| 5 | Betty | Doe | 28 | UAE |
| 4 | John | Reinhardt | 25 | UK |
| 2 | Robert | Luna | 22 | USA |
| 3 | David | Robinson | 22 | UK |

SELECT \* FROM Customers Order By first\_name;

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| customer\_id | first\_name | last\_name | age | country |
| 5 | Betty | Doe | 28 | UAE |
| 3 | David | Robinson | 22 | UK |
| 1 | John | Doe | 31 | USA |
| 4 | John | Reinhardt | 25 | UK |
| 2 | Robert | Luna | 22 | USA |

SELECT \* FROM Customers ORDER BY first\_name Desc;

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| customer\_id | first\_name | last\_name | age | country |
| 2 | Robert | Luna | 22 | USA |
| 1 | John | Doe | 31 | USA |
| 4 | John | Reinhardt | 25 | UK |
| 3 | David | Robinson | 22 | UK |
| 5 | Betty | Doe | 28 | UAE |

SELECT \* FROM Customers Order by country, first\_name;

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| customer\_id | first\_name | last\_name | age | country |
| 5 | Betty | Doe | 28 | UAE |
| 3 | David | Robinson | 22 | UK |
| 4 | John | Reinhardt | 25 | UK |
| 1 | John | Doe | 31 | USA |
| 2 | Robert | Luna | 22 | USA |

/\* Using Both ASC AND DESC\*/

SELECT \* FROM Customers Order By country ASC, first\_name DESC;

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| customer\_id | first\_name | last\_name | age | country |
| 5 | Betty | Doe | 28 | UAE |
| 4 | John | Reinhardt | 25 | UK |
| 3 | David | Robinson | 22 | UK |
| 2 | Robert | Luna | 22 | USA |
| 1 | John | Doe | 31 | USA |

/\*AND Operator \*/

/\*The WHERE clause can contain one or many AND operators.\*/

SELECT \* FROM Customers

WHERE country='USA'

AND age>25;

|  |  |  |  |
| --- | --- | --- | --- |
| first\_name | last\_name | age | country |
| John | Doe | 31 | USA |

SELECT DISTINCT customer\_id, first\_name, country FROM Customers

WHERE age<25 AND country='UK';

|  |  |  |
| --- | --- | --- |
| customer\_id | first\_name | country |
| 3 | David | UK |