

WHERE

選取(SELECT)完指定的資料後，找尋符合條件的資料(WHERE)。

選取所有列資料，並找尋Country中，名稱為”Mexico”的資料(字串需用單引號或雙引號括起來)

```
SELECT * FROM Coutumer;  
WHERE Country = "Mexico";
```

SQL Statement:

```
SELECT * FROM Customers  
WHERE Country='Mexico';
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

Result:

Number of Records: 5

CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
2	Ana Trujillo Emparedados y helados	Ana Trujillo	Avda. de la Constitución 2222	México D.F.	05021	Mexico
3	Antonio Moreno Taquería	Antonio Moreno	Mataderos 2312	México D.F.	05023	Mexico
13	Centro comercial Moctezuma	Francisco Chang	Sierras de Granada 9993	México D.F.	05022	Mexico
58	Pericles Comidas clásicas	Guillermo Fernández	Calle Dr. Jorge Cash 321	México D.F.	05033	Mexico
80	Tortuga Restaurante	Miguel Angel Paolino	Avda. Azteca 123	México D.F.	05033	Mexico

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選取所有列資料，並找尋CostomerID中，值=1的資料(數值不需用單引號或雙引號括起來)

```
SELECT * FROM Coutumer;  
WHERE CostomerID=1;
```

SQL Statement:

```
SELECT * FROM Customers
WHERE CustomerID=1;
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

Result:

Number of Records: 1

CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
1	Alfreds Futterkiste	Maria Anders	Obere Str. 57	Berlin	12209	Germany

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WHERE 常用運算符

```
SELECT * FROM Products
```

```
WHERE Price = 30;    #值等於
```

```
WHERE Price > 30;    #值大於
```

```
WHERE Price >= 30;    #值不小於
```

```
WHERE Price < 30;    #值小於
```

```
WHERE Price <= 30;    #值不大於
```

```
WHERE Price <> 30    #值不等於，有些SQL版本，語法是!=
```

```
WHERE Price BETWEEN 50 AND 60;    #值介於 a AND b之間
```

```
WHERE City LIKE 's%';    #列中包含某個字元，語法：WHERE 列 LIKE "某個字元%"
```

#下例：City列中，資料都包含字元"s"的項目。

```
WHERE City IN ('Paris','London');    #列中包含多個值，語法：WHERE 列 IN ("值A" , "值B")
```

#下例：City列中，資料包含值'Paris'和值'London'的項目。

```
WHERE City = 'Paris';    #列資料中指定字串，除了IN語法，也能用等號=
```

#語法：WHERE 列 = '指定字串';

```
WHERE City LIKE 's%';  
#"s%" = s開頭
```

SQL Statement:

```
SELECT * FROM Customers  
WHERE City LIKE 's%';
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

Result:

Number of Records: 12

CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
7	Blondel père et fils	Frédérique Citeaux	24, place Kléber	Strasbourg	67000	France
15	Comércio Mineiro	Pedro Afonso	Av. dos Lusíadas, 23	São Paulo	05432-043	Brazil
21	Família Arquibaldo	Aria Cruz	Rua Orós, 92	São Paulo	05442-030	Brazil
30	Godos Cocina Típica	José Pedro Freyre	C/ Romero, 33	Sevilla	41101	Spain
35	HILARIÓN-Abastos	Carlos Hernández	Carrera 22 con Ave. Carlos Soublette #8-35	San Cristóbal	5022	Venezuela
45	Let's Stop N Shop	Jaime Yorres	87 Polk St. Suite 5	San Francisco	94117	USA
59	Piccolo und mehr	Georg Pipps	Geislweg 14	Salzburg	5020	Austria
62	Queen Cozinha	Lúcia Carvalho	Alameda dos Canários, 891	São Paulo	05487-020	Brazil
70	Santé Gourmet	Jonas Bergulfsen	Erling Skakkes gate 78	Stavern	4110	Norway
81	Tradição Hipermercados	Anabela Domingues	Av. Inês de Castro, 414	São Paulo	05634-030	Brazil
86	Die Wandernde Kuh	Rita Müller	Adenauerallee 900	Stuttgart	70563	Germany
89	White Clover Markets	Karl Jablonski	305 - 14th Ave. S. Suite 3B	Seattle	98128	USA

```
WHERE City IN ('Paris','London');
```

SQL Statement:

```
SELECT * FROM Customers
WHERE City IN ('Paris', 'London');
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

Result:

Number of Records: 8

CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
4	Around the Horn	Thomas Hardy	120 Hanover Sq.	London	WA1 1DP	UK
11	B's Beverages	Victoria Ashworth	Fauntleroy Circus	London	EC2 5NT	UK
16	Consolidated Holdings	Elizabeth Brown	Berkeley Gardens 12 Brewery	London	WX1 6LT	UK
19	Eastern Connection	Ann Devon	35 King George	London	WX3 6FW	UK
53	North/South	Simon Crowther	South House 300 Queensbridge	London	SW7 1RZ	UK
57	Paris spécialités	Marie Bertrand	265, boulevard Charonne	Paris	75012	France
72	Seven Seas Imports	Hari Kumar	90 Wadhurst Rd.	London	OX15 4NB	UK
74	Spécialités du monde	Dominique Perrier	25, rue Lauriston	Paris	75016	France