-- Retrieve all data

SELECT \*

from Orders

1. **Filtering & Wildcards**

* **Basic Filtering**

-- Is there a product that costs more than 100 USD?

select \*

from Products

where unitprice > 100

-- Is there a product that costs 50 USD or more?

select \*

from Products

where unitprice >=50

-- What is the price of Tofu?

select

unitprice as Price

from Products

where productname = 'Tofu'

-- What are the products that are out of stock?

select \*

from Products

where unitsinstock = 0

-- What are the products that are in the med price category?

-- price categories are : low (0:10), med (10:50), high (50:~)

SELECT \*

from Products

where unitprice BETWEEN 10 and 50

-- Is there customers without country information?

select \*

from Customers

where country is NULL

-- Is there are any customers based outside the USA?

SELECT \*

from Customers

where country != 'USA'

-- List all the countries where the customer resides outside the USA.

SELECT DISTINCT country

from Customers

where country != 'USA'

* **Advanced Filtering**

-- We are expanding in the German market outside Berlin and wants to see if they have clients there to collect their feedback?

Select \*

FROM Customers

where city != "Berlin"

and country = "Germany"

-- What are the product names that is managed by suppliers 15, 12, 20, 1?

SELECT productname

from Products

where supplierid IN (15,12,20,1)

-- What are the product names that is managed by suppliers 15, 12 and in category 1, 6?

SELECT productname

from Products

where supplierid IN (15,12)

and categoryid IN (1, 6)

-- Do we have clients in Lisboa or Sevilla?

select \*

from Customers

where city = 'Lisboa'

or city = 'Sevilla'

-- Who are the clients that the either based on the USA or UK and their title is the Owner?

select \*

from Customers

WHERE (country = 'USA'

Or country = 'UK')

and contacttitle = 'Owner'

-- Who are the clients whose title is the Owner and based outside the USA?

select \*

from Customers

WHERE NOT country = 'USA'

and contacttitle = 'Owner'

* **Wildcards**

-- Who are the clients that whose their title is related to sales?

select \*

from Customers

WHERE contacttitle LIKE '%sales%'

-- Who are the customer's company and country who are based in Europe?

SELECT companyname, address, country, Region

FROM Customers

where region like '%Europe'

-- There was a supplier whose name was something like Guy and based in Canada, could you get his information?

SELECT \*

FROM Suppliers

where contactname LIKE '%Guy%'

and country = 'Canada'