SELECT first\_name, age

FROM Customers;

**--Wie alt ist John Doe?**

SELECT age

FROM Customers

where first\_name = 'John' and last\_name = 'Doe';

**--Wie viele Kunden gibt es in der Datenbank?**

select count(customer\_id)

from Customers;

oder

select count(distinct(customer\_id))

from Customers;

**--Welcher Kunde ist der älteste? Oder function max()**

SELECT first\_name, last\_name, age

FROM Customers

order by age desc

limit(1);

oder

SELECT first\_name, last\_name, max(age)

FROM Customers;

**--Wie viele Kunde haben denselben Vornamen John?**

SELECT count(first\_name) oder count(customer\_id)

FROM Customers

where first\_name = 'John';

oder

SELECT count(customer\_id)

FROM Customers

where first\_name = 'John';

**-- Welcher Kunde hat die höchste Bestellung? John Reinhardt**

select Customers.first\_name, Customers.last\_name, count (Orders.item) as total\_orders

from Customers

inner Join Orders on Customers.customer\_id = Orders.customer\_id

group by (last\_name)

order by total\_orders desc;

**-- Welcher Kunde hat am meisten ausgegeben? David Robinson**

select Customers.first\_name, Customers.last\_name, sum(Orders.amount)

from Customers

inner Join Orders on Customers.customer\_id = Orders.customer\_id

group by 1,2;

**--Welcher Kunde hat keine Bestellung gemacht? Betty Doe**

select Customers.first\_name, Customers.last\_name, Orders.item

from Customers

left OUTER JOIN Orders on Customers.customer\_id = Orders.customer\_id

where item is null;

**--Wie viele Bestellungen gibt es?**

select count(item)

from orders;

**-- was ist die Gesamtsumme aller Bestellungen?**

select sum (amount) as Total\_amount

from Orders;

**--Welche Kunden haben eine Tastatur(Keyboard) bestellt und wie viel hat die Tastatur/das Keyboard gekostet?**

select Customers.first\_name, Customers.last\_name, Orders.item, Orders.amount

from Customers

left OUTER JOIN Orders on Customers.customer\_id = Orders.customer\_id

where item = 'Keyboard';

**--wie viele Kunden mehr als drei Bestellungen gemacht haben? Having ()**

**select Customers.first\_name, Customers.last\_name , count (Orders.item) as total\_orders**

**from Customers**

**inner Join Orders on Customers.customer\_id = Orders.customer\_id**

**group by 1,2**

**having count(Orders.item)>3;**