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## SQL Select

SQL Select



✓ Exercise 1

✓ Exercise 2

✓ Exercise 3

[Go to SQL Select Tutorial](#)

```
SELECT * FROM Customers;
```

```
SELECT City FROM Customers;
```

```
SELECT DISTINCT Country FROM Customers;
```

## SQL Where

## SQL Where ✓

### ✓ Exercise 1

### ✓ Exercise 2

### ✓ Exercise 3

### ✓ Exercise 4

### ✓ Exercise 5

[Go to SQL Where Tutorial](#)

```
SELECT * FROM Customers
WHERE CITY = 'BERLIN';
```

```
SELECT * FROM Customers
WHERE CITY = 'BERLIN';
```

```
SELECT * FROM Customers
WHERE CITY = 'BERLIN';
```

```
SELECT * FROM Customers
WHERE City = 'Berlin'
AND POSTALCODE = 12209;
```

```
SELECT * FROM Customers
WHERE City = 'Berlin'
OR CITY = 'LONDON';
```

# SQL Order By

SQL Order By ✓

✓ Exercise 1

✓ Exercise 2

✓ Exercise 3

[Go to SQL Order By Tutorial](#)

```
SELECT * FROM Customers
ORDER BY city;
```

```
SELECT * FROM Customers
ORDER BY CITY DESC;
```

```
SELECT * FROM Customers
ORDER BY COUNTRY, CITY;
```

# SQL Insert

SQL Insert ✓

✓ Exercise 1

[Go to SQL Insert Tutorial](#)

```
INSERT INTO Customers (  
  CustomerName,  
  Address,  
  City,  
  PostalCode,  
  Country)  
VALUES (  
  'Hekkan Burger',  
  'Gateveien 15',  
  'Sandnes',  
  '4306',  
  'Norway');
```

## SQL Update

SQL Update ✓

✓ Exercise 1

✓ Exercise 2

✓ Exercise 3

[Go to SQL Update Tutorial](#)

```
UPDATE Customers  
SET City = 'Oslo';
```

```
UPDATE Customers  
SET City = 'Oslo'  
WHERE Country = 'Norway';
```

```
UPDATE Customers  
SET City = 'Oslo',  
COUNTRY = 'Norway'  
WHERE CustomerID = 32;
```

## SQL Delete

SQL Delete ✓

✓ Exercise 1

✓ Exercise 2

[Go to SQL Delete Tutorial](#)

```
DELETE FROM Customers  
WHERE Country = 'Norway';
```

```
DELETE FROM Customers;
```

## SQL Functions

SQL Functions ✓

✓ Exercise 1

✓ Exercise 2

✓ Exercise 3

✓ Exercise 4

✓ Exercise 5

[Go to SQL Functions Tutorial](#)

---

```
SELECT MIN(PRICE)
FROM Products;
```

```
SELECT MAX(PRICE)
FROM Products;
```

```
SELECT COUNT(*)
FROM Products
WHERE Price = 18;
```

```
SELECT AVG(PRICE)
FROM Products;
```

```
SELECT SUM(PRICE)
FROM Products;
```

## SQL Like

SQL Like



✓ Exercise 1

✓ Exercise 2

✓ Exercise 3

✓ Exercise 4

✓ Exercise 5

[Go to SQL Like Tutorial](#)

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

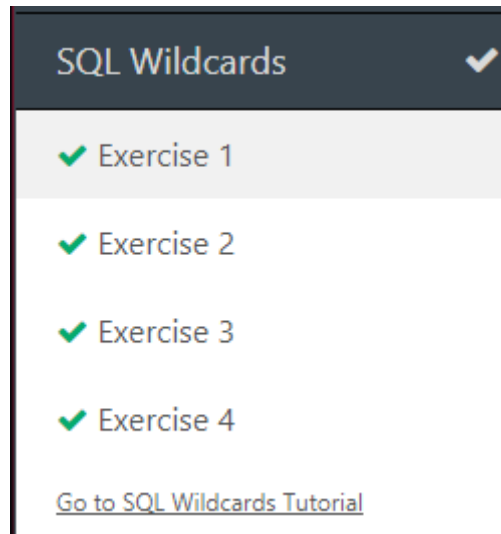
```
SELECT * FROM Customers
WHERE City LIKE '%a';
```

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

```
SELECT * FROM Customers
WHERE City LIKE 'a%b';
```

```
SELECT * FROM Customers
WHERE City NOT LIKE 'a%';
```

# SQL Wildcards



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

```
SELECT * FROM Customers  
WHERE City LIKE '[acs]%';
```

```
SELECT * FROM Customers  
WHERE City LIKE '[a-f]%';
```

```
SELECT * FROM Customers  
WHERE City LIKE '[!acf]%';
```

## SQL In



## SQL In



✓ Exercise 1

✓ Exercise 2

[Go to SQL In Tutorial](#)

```
SELECT * FROM Customers
WHERE Country IN ('Norway', 'France');
```

```
SELECT * FROM Customers
WHERE Country NOT IN ('Norway', 'France');
```

## SQL Between

### SQL Between



✓ Exercise 1

✓ Exercise 2

✓ Exercise 3

[Go to SQL Between Tutorial](#)

```
SELECT * FROM Products
WHERE Price BETWEEN 10 AND 20;
```

```
SELECT * FROM Products
WHERE Price NOT BETWEEN 10 AND 20;
```

```
SELECT * FROM Products
WHERE ProductName BETWEEN 'Geitost' AND 'Pavlova';
```

## SQL Group By

SQL Group By ✓

✓ Exercise 1

✓ Exercise 2

[Go to SQL Group By Tutorial](#)

```
SELECT COUNT(CustomerID),
Country
FROM Customers
GROUP BY Country;
```

```
SELECT COUNT(CustomerID),
Country
FROM Customers
GROUP BY COUNTRY
ORDER BY COUNT(CustomerID) DESC;
```