

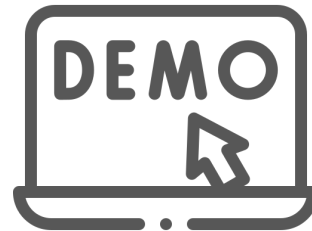
# SQL - Create Database and Table

```
CREATE DATABASE test_db;
```

```
USE test_db;
```

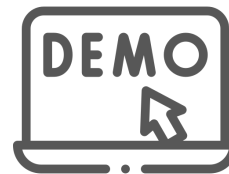
```
SHOW TABLES;
```

```
CREATE TABLE employees (  
    id BIGINT NOT NULL AUTO_INCREMENT,  
    name VARCHAR(255),  
    age INTEGER,  
    gender VARCHAR(255),  
    salary FLOAT(53),  
    company_id BIGINT,  
    PRIMARY KEY (id)  
)
```



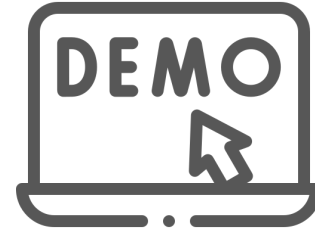
# SQL - INSERT

```
INSERT INTO `employees` (`name`, `age`, `gender`, `salary`, `company_id`) VALUES ('John Smith', 32, 'MALE', 5000.0, 1);  
INSERT INTO `employees` (`name`, `age`, `gender`, `salary`, `company_id`) VALUES ('Jane Johnson', 28, 'FEMALE', 6000.0, 1);  
INSERT INTO `employees` (`name`, `age`, `gender`, `salary`, `company_id`) VALUES ('David Williams', 35, 'MALE', 5500.0, 1);  
INSERT INTO `employees` (`name`, `age`, `gender`, `salary`, `company_id`) VALUES ('Emily Brown', 23, 'FEMALE', 4500.0, 1);  
INSERT INTO `employees` (`name`, `age`, `gender`, `salary`, `company_id`) VALUES ('Michael Jones', 40, 'MALE', 7500.0, 1);
```



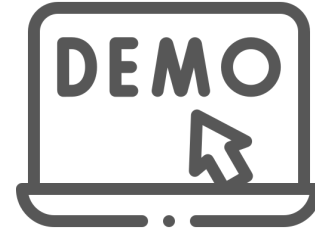
# SQL - SELECT

```
SELECT * FROM `employees`;
```



# SQL - DELETE

```
DELETE FROM `employees` WHERE age = 23;
```



# SQL - UPDATE

UPDATE *employees*

SET *age* = 99, *salary* = 99999.0

WHERE *id*=1;

