

LET'S START WITH SQL :)

Lets make a database for all SQL commands

Let's make a Database for a Company

Requirements :

1. Make a database for a company xyz

```
CREATE DATABASE xyz;
```

2. Make an employee table in the xyz database.

```
CREATE TABLE employee(  
id INT PRIMARY KEY,  
name VARCHAR(50),  
age INT,  
department VARCHAR(50)  
city VARCHAR(50),  
salary INT);
```

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Retrieving data from table

3. Fill details in the table

```
INSERT INTO employee(id,name,age,department,city,salary)
VALUES
```

```
(1, "rahul" , 25 , "IT" , "Mumbai", 1500),
(2, "afsara" , 26 , "HR" , "Pune, 2000),
(3, "abhimanyu" , 27 , "IT" , "Mumbai" , 2500),
(4, "aditya" , 25 , "Marketing" , "Surat" , 2400),
(5, "raj" , 24, "Finance" , "Indore", 1500);
```

4. See all the data in the table

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UPDATE Command

The UPDATE command in SQL is used to modify existing records in a table. If you get a safe mode error while executing queries run this query

QUERY: **SET SQL_SAFE_UPDATES=0;**

QUERY :

UPDATE table_name

SET columnName1= value1(to be set) , columnName2 =value2(to be set)

WHERE condition;

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UPDATE Command (Practice Question)

1. Write a query to update the salary for all employees in the 'HR' department to 50000.

QUERY :

```
UPDATE employee
```

```
SET salary = 50000
```

```
WHERE department = "HR";
```

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UPDATE Command (Practice Question)

2. Write a query to update the name of an employee from raaj to raj .

QUERY :

```
UPDATE employee
```

```
SET name = "raj"
```

```
WHERE name = "raaj";
```

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DELETE Command

The DELETE command in SQL is used to remove records from a table.

QUERY:

```
DELETE FROM table_name  
WHERE condition;
```