

LET'S START WITH SQL :)

Let's Create a Database for Instagram

Step 1: Create a database

```
CREATE DATABASE IF NOT EXISTS instagramDb;
```

Step 2: Use the database to create tables

```
USE instagramDb;
```

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Step 3 : Create tables into the db

```
CREATE TABLE IF NOT EXISTS users (  
  userId INT PRIMARY KEY,  
  userName VARCHAR(50)  
  email VARCHAR(100)  
);
```

```
CREATE TABLE IF NOT EXISTS posts (  
  postId INT PRIMARY KEY,  
  userId INT,  
  caption VARCHAR(100),  
);
```

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Step 3 : Insert Values in the tables

```
INSERT INTO users (userId, userName, email)
```

```
VALUES
```

```
(1, "riti", "abc@gmail.com),
```

```
(1, "raj", "xyz@gmail.com),
```

```
(1, "rahul", "abc2@gmail.com);
```

```
INSERT INTO posts (postId, userId, caption)
```

```
VALUES
```

```
(101, 561, "light"),
```

```
(102, 562, "air"),
```

```
(103, 563, "water");
```

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Step 4 : You can see all the tables in the db

```
USE DATABASE instagramDb;  
SHOW TABLES;
```

Step 5: All the values in a specific table

```
SELECT * FROM users;  
SELECT * FROM posts;
```