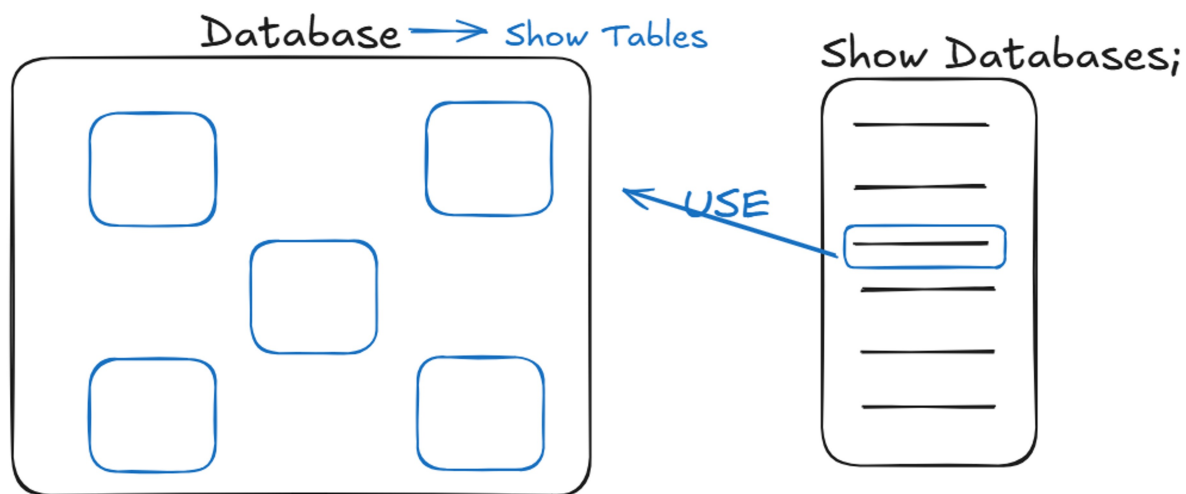


Creating Table and understanding its Data Type



Basic Information

Name	Age	Gender	BirthDate
↓	↓	↓	↓
↓	↓	↓	↓
varchar()	int	char()	DATE

"string" - varchar(), char()



256 character

0-255 char - 256 char

Syntax

```
Create Table <Tb_name>(
  ColumnName DataType,
  ColumnName DataType,
  ColumnName DataType,
  ColumnName DataType
);
```

SHOW DATABASES;

CREATE DATABASE EmployeeDetail;

DROP DATABASE EmployeeDetail;

SELECT DATABASE();

USE EmployeeDetail;

SHOW TABLES;

"Krishna Madan" - 13 character

```
mysql> SHOW TABLES;
Empty set (0.01 sec)

mysql> CREATE TABLE PersonalInfo(
  ->   Name varchar(100),
  ->   Age int,
  ->   Gender char(1),
  ->   BirthDate DATE
  -> );
Query OK, 0 rows affected (0.14 sec)

mysql> SHOW TABLES;
+-----+
| Tables_in_employeeedetail |
+-----+
| personalinfo               |
+-----+
1 row in set (0.00 sec)
```

```
mysql> DESCRIBE PersonalInfo;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Name       | varchar(100)  | YES  |     | NULL     |       |
| Age        | int           | YES  |     | 0         |       |
| Gender     | char(1)       | YES  |     | ''        |       |
| BirthDate  | date          | YES  |     | '01-01-2000' |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.01 sec)
```

"Yes" - The Column is optional
"No" - The particular column is mandatory to fill

"Unknown"

0

''

'01-01-2000'

Google Form

Submit

PRI ---- Primary Key
MUL ---- Foreign Key

Auto_increment

```
mysql> SHOW COLUMNS FROM PersonalInfo;
```

Field	Type	Null	Key	Default	Extra
Name	varchar(100)	YES		NULL	
Age	int	YES		NULL	
Gender	char(1)	YES		NULL	
BirthDate	date	YES		NULL	

```
4 rows in set (0.01 sec)
```

```
mysql> DESCRIBE PersonalInfo;
```

Field	Type	Null	Key	Default	Extra
Name	varchar(100)	YES		NULL	
Age	int	YES		NULL	
Gender	char(1)	YES		NULL	
BirthDate	date	YES		NULL	

```
4 rows in set (0.00 sec)
```

```
mysql> DESC PersonalInfo;
```

Field	Type	Null	Key	Default	Extra
Name	varchar(100)	YES		NULL	
Age	int	YES		NULL	
Gender	char(1)	YES		NULL	
BirthDate	date	YES		NULL	

```
4 rows in set (0.01 sec)
```