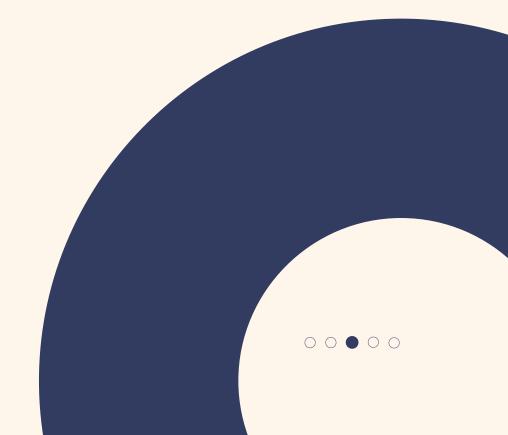# Day 28
MySQL DATE data type

Aditya Shenoy

What is the DATE data type?

- MySQL **DATE** is one of the five temporal data types used for managing date values.

- MySQL uses **yyyy-mm-dd** format for storing a date value.

- This format is fixed and it is not possible to change it.

Key Points :

- MySQL uses **3 bytes** to store a **DATE** value.
- The **DATE** values range from **1000-01-01** to **9999-12-31**.
- If you want to store a date value that is out of this range, you need to use a non-temporal data type like integer.

Use case example :

First, let's **create a table** named **people** with birth date column with **DATE** data type:

```sql
CREATE TABLE people (
    id INT AUTO_INCREMENT PRIMARY KEY,
    first_name VARCHAR(50) NOT NULL,
    last_name VARCHAR(50) NOT NULL,
    birth_date DATE NOT NULL
);
```

Next, **insert a row** into the **people** table:

```sql
INSERT INTO people(first_name,last_name,birth_date)
VALUES('John','Doe','1990-09-01');
```

Then, **query the data** from the **people** table:

```sql
SELECT
    first_name,
    last_name,
    birth_date
FROM
    people;
```

Output :

first_name	last_name	birth_date
John	Doe	1990-09-01