Data Engineer FellowShip with Bytewise Limited.

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**2nd Week**

**Task # 5**

What Is SQL Data Types?

**SQL Data Types:**

SQL (Structured Query Language) is a programming language used to manage and manipulate relational databases. Data types in SQL are used to define the type of data that a column can hold. SQL has various data types that are used to store different types of data.

**Here is a Some example of SQL Data Types:**

* Numeric Data Types: These are used to store numeric values such as integers, decimals, and floating-point numbers. Examples of numeric data types in SQL include INT, BIGINT, SMALLINT, NUMERIC, and DECIMAL.
* Character Data Types: These are used to store text values such as names, addresses, and descriptions. Examples of character data types in SQL include CHAR, VARCHAR, and TEXT.
* Date and Time Data Types: These are used to store dates and times. Examples of date and time data types in SQL include DATE, TIME, TIMESTAMP, and INTERVAL.
* Boolean Data Type: This data type is used to store boolean values, which can be either TRUE or FALSE.

**For Example:**

A table named "Employees" might have columns with the following data types:

EmployeeID: INT

FirstName: VARCHAR(50)

LastName: VARCHAR(50)

Age: TINYINT

HireDate: DATE

Salary: DECIMAL(10,2)

Active: BOOLEAN

These data types define the type of data that can be stored in each column and ensure that the data is stored in a consistent and structured manner.