

TASK 5

Write a few lines about Data Types in SQL with examples:

In SQL, data types are used to define the type of data that can be stored in a particular column of a database table. SQL supports various data types such as numeric, character, date and time, Boolean, etc.

Here are a few examples of data types in SQL:

- **Numeric data type:** It is used to store numeric values such as integer, decimal, etc. For example, INT, FLOAT, DECIMAL, etc.
- **Character data type:** It is used to store alphanumeric data such as text, strings, etc. For example, VARCHAR, CHAR, TEXT, etc.
- **Date and time data type:** It is used to store date and time values. For example, DATE, TIME, DATETIME, etc.
- **Boolean data type:** It is used to store Boolean values such as true/false or 0/1. For example, BOOLEAN, BIT, etc.

Overall, understanding data types in SQL is important as it helps in optimizing database storage and retrieval, as well as ensuring data accuracy and consistency.