
SQL DATATYPES

SUBMITTED BY: MUHAMMAD FAHAD



TASKS

[22/03/2023]

Task #5

Write a few lines about Data Types In SQL with examples

Task #6 Practice about following in SSMS:

1 - SQL Constrains:-

Not Null, Unique, Default and Check constraints• Primary Key and Referential Integrity or foreign key constraints

2 – Tables

- Creating Table
- Altering Table
- Deleting Table



Week 2 / Task 5

SQL DATA TYPES

An SQL developer must decide what type of data that will be stored inside each column when creating a table. The data type is a guideline for SQL to understand what type of data is expected inside of each column, and it also identifies how SQL will interact with the stored data.

SQL DATA TYPES

SUBMITTED BY: MUHAMMAD FAHAD (BW-DE)

DATA TYPE	Description	Example
INT	Integer data type	123
BIGINT	Large Integer Data Type	1234567890
DECIMAL	Fixed-point decimal data type with precision p	1234.5678
FLOAT	Floating-point data type with n bits of precision	1.23456E+30
DATE	Date data type in yyyy-mm-dd format	2023-03-22
TIME	Time data type in hh:mm:ss[.nnnnnnnn] format	13:45:30.1234567
DATETIME	Date and time data type	2023-03-22 13:45:30.123
CHAR(n)	Fixed-length character data type with length n	'Hello'
VARCHAR(n)	Variable-length character data type with length n	'Hello World'
TEXT	Variable-length character data type with max length of $2^{31}-1$ (2,147,483,647) bytes	'Lorem ipsum dolor sit amet'