ByteWise Fellowship – Week 2

Module: SQL Data Types

Date :4-April-2023

1. **Data Types in SQL**
   - **Numeric Data Types:**

     Bigint { large Integers }

     Int { Integers }

     Smallint { small integers }

     Tinyint { integers ranging from 0 - 255}

     Decimal { Exact Numerical }

     Float { precision up to 60}

     Real {approximation of real number }

     Double precision

   - **String Data Types:**

     Char { Fixed Length String }

     Varchar { variable Character }

     Varchar(max)

     Nvarchar{take more Space than varchar}

     Nchar

     Nvarchar(max)

     text

   - **Date and Time Data Types:**

     Datetime{ YYYY-MM-DD hh:mm:ss[.nnn]

     Smalldatetime {YYYY-MM-DD hh:mm:ss}

     Date {YYYY-MM-DD}

     Time

     timestamp

   - **Binary Data Types:**

     Binary

Varbinary

varbinary(max)