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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| VARCHAR(MAX)  |  | | --- | | Data type | | Variable data | | Text, alphanumeric | | Value from 1 through 8,000 | | Max storage 2^31-1 bytes | |  | |  | |  | |  |  | JOB-DESCRIPTION  |  | | --- | | Table field/column | | Max length – 2000 characters | | Numeric allowed – yes | | Alphabets allowed – yes | |  | |  | |  | |
|  |  |  |  |
| STUDENT\_ID  |  | | --- | | Table field/column | | Unique | | Alphanumeric | | Example: st12234 | | Max-length = 8 | | Min-length = 3 | |  | |  | |  |  | phone\_number  |  | | --- | | Table field/column | | Can start with 0, + | | Alpha-numeric | | Can be null | | Max-length = 50 | |  | |  | |  | |
|  |  |  |  |
| VARCHAR(8)  |  | | --- | | Data type | | Variable data | | Text, alphanumeric | | Value from 1 through 8,000 | | Max storage 2^31-1 bytes | |  | |  | |  | |  |  | EMAIL  |  | | --- | | Table field/column | | Unique | | Max length – 255 characters | | Numeric allowed – yes | | Alphabets allowed – yes | | Limited Special characters allowed | |  | |  | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| varchar(255)  |  | | --- | | Data type | | Variable data | | Text, alphanumeric | | Value from 1 through 8,000 | | Max storage 2^31-1 bytes | |  | |  | |  | |  |  | VARCHAR(50)  |  | | --- | | Data type | | Variable data | | Text, alphanumeric | | Value from 1 through 8,000 | | Max storage 2^31-1 bytes | |  | |  | |
|  |  |  |  |
| DATE\_OF\_BIRTH  |  | | --- | | Table field/column | | Can start with 0, + | | Alpha-numeric | | Can be null | | Max-length: 8 | |  | |  | |  |  | DATE  |  | | --- | | Data type | | Date | | Default Date format | |  | |  | |  | |  | |
|  |  |  |  |
|  |  |  |  |
| DATETIME  |  | | --- | | Data type | | Date time | | Date combined with time and fraction of second | |  | |  | |  | |  |  | LOGIN\_TIME  |  | | --- | | Table field/column | | Not null | | Date and time 24hrs format with seconds | |  | |  | |  | |

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| smallint  |  | | --- | | Data type | | Small integer | | Signed numbers | | Range: -32,768 to 32,768 | | Max storage 2 bytes | |  | |  | |  |  | HOURLY\_WAGE  |  | | --- | | Table field/column | | Can be null | | Unsigned numbers | | Min: 0.50 | | Max: 20.75 | |  | |
|  |  |  |  |
|  |  |  |  |
| AGE  |  | | --- | | Table field/column | | Cannot be null | | Numeric | | Range: 15 – 110 | |  | |  | |  | |  |  | TINYINT  |  | | --- | | Data type | | Tiny integer | | Unsigned numbers | | Range: 0 to 255 | | Max storage 1 byte | |  | |
|  |  |  |  |
|  |  |  |  |
| DECIMAL(2,2)  |  | | --- | | Data type | | Numeric data with fixed precision and scale | |  | |  | |  | |  | |  | |  |  | ANNUAL\_SALARY  |  | | --- | | Table field/column | | Not null | | Unsigned numbers | | Min: 2000 | | Max: 32,000 | |  | |  | |