|  |  |  |
| --- | --- | --- |
| CODE | DATATYPES | DESCRIPTION |
| 1 | **VARCHAR2(size)** | Stores variable-length character data. The maximum size is 4000 bytes (in Oracle 12c, up to 32,767 bytes in extended mode). |
| 1 | **NVARCHAR2(size)** | Stores variable-length Unicode character data, useful for multilingual support. |
| 2 | **NUMBER (p, s)** | Stores numeric data with precision (p) and scale (s).   * p = Total number of digits. * s = Number of digits to the right of the decimal point. * P – range 1 to 38 and S – range -84 to 127   Both Precision and scale decimals digits values range is 1-22 bytes. |
| 8 | **LONG** | Stores large character data, up to 2GB (deprecated; use CLOB instead). |
| 2 | **FLOAT** | Stores approximate numeric data as a floating-point number. |
| 12 | **DATE** | Range Jan 1, 4712BC to Dec 31,9999AD  The size is fixed at 7 bytes. This Datatypes contains the date, time values. |
| 96 | **CHAR(size)** | Fixed length character data of length size bytes. Max size is 2000bytes. Default size is 1 bytes. |
| 96 | **NCHAR(size)** | Fixed length Unicode Character string having maximum length size character. |
| 113 | **BLOB** | Stores large binary objects like images, videos, or audio, up to 4GB. |
| 114 | **BFILE** | Stores file locators for external binary files stored in the file system. |
| 119 | **JSON** | Stores JSON data in text format, introduced in Oracle 21c. MAX size is 32 MB. |
| 252 | **BOOLEAN** | Stores TRUE, FALSE, or NULL (available in PL/SQL, but not directly in SQL tables). |