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| Code | Data type | Description |
| 1 | VARCHAR2(Size) | Variable length character string having minimum length size bytes/characters.  Minisize =1 char  Maxsize =4000(standard)  = 32767(Extended) |
| 1 | NVARCHAR2(Size) | Variable length Unicode character string having max length size bytes  Maxsize=4000(standard)  =32767(Extended) |
| 2 | Number[(P[,5])] | Number having precision p and scale s. The precision can range from 1 to 38. The scales can range from -84 to 127.Both precision and scale are decimal digits. A number values required from 1 to 22 bytes. |
| 2 | Float[(p)] | A subtype of numbers having precision p .A float is internally represented as number. The precision p can range from 1 to 126 binary digits , requires 1 to 22 bytes. |
| 8 | long | Character data of variable length up to 2 gigabytes or 2^31 -1 bytes |
| 12 | Date | The size is fixed at 7 bytes, date time fields ,YEAR,MONTH,DAY,HOUR,MINUTE, and SECONDS. Does not have fractional seconds |
| 23 | RAW(size) | RAW binary data of length size bytes. you must specify size of raw value .  Maxsize= 32767 B(Extended)  =2000 B (Standard) |
| 24 | Long Raw | Variable length up to 2GB |
| 69 | ROWID | Base 64 string representing the unique address of a row in its table . The datatypes is primarily for values returned by the ROWID |
| 96 | CHAR[(size)] | Fixed length character data of length size bytes.  Maxsize=2000 B(Default)  Minsize=1 B |
| 113 | BLOB | A binary large object (Maximum size is (4GB)) |
| 114 | BFILE | Contains a locator to a large binary file stored outside the database.  Maximum size 4 gigabytes |
| 119 | JSON | Maxsize is 32 MB |
| 252 | BOOLEAN | Unless Prohibited by NOT NULL Constraints , the Boolean data type also supports the truth value UNKNOWN as the Null value |