

In 1977, Larry Ellison started a consultancy named SDL. Two years later, in 1979, SDL would be transformed into what is now Oracle Corporation. Oracle was created as the first SQL relational database management system for commercial use. It is named as a Fortune 500 company. Oracle has become a reliable company by using its current database Oracle 12c.

Oracle 12c is the first database created to use the cloud. The cloud has made the database faster and easier for all of its users because it does not require a change to the existing application. Companies that manage thousands of database have the largest impact. These thousands of databases are known as big data. One type of data built into the Oracle 12c is VARCHAR2. As seen like VARCHAR2(size [BYTE | CHAR]), you must specify the size of VARCHAR2 starting at one byte or one character and maxing at 4000 bytes for the standard size. BYTE instructs the column to have a certain length while CHAR will include character meaning. Character data types is another example. This type of data stores words or any sort of text in the character data set. They are known to be less restrictive than other forms of data, which has its pros and cons. Character columns can use both characters and numbers whereas numeric columns can only store numeric values¹.

Although this is just two of many different data types used within Oracle 12c, it gives users the freedom to use data types they are comfortable with. Oracle 12c supplies its users with the tools required to take outside data and incorporate it into your database.

¹ "Data Types." *Data Types*. N.p., n.d. Web. 23 Jan. 2017.