**SQL AND DATABASES**

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# DATABASE

In the beginning only databases were available in research laboratories, at that point the scientists trying to decipher, the best way to implement them. We currently have the databases daily, either with a bank transaction, a query in a search engine, the reservation of a flight, etc. (Oppel, 2010)

## **What is a database?**

A database is a shared structure and computerized that guards a group of, information of user, it is the information that he is interested the final user. Also of metadata across these those of the final user are integrated and handled. (Coronel, Morris, & Rob, 2011)

# SQL

SQL (Structured Query Language) is the programming language designed specifically for relational database management system. This language is used from the simplest personal computers to the most powerful multi-server. (Quintana, 2010)

## **Parts of SQL**

The language has two well defined parts, the first is the definition language data, which helps to define the data or edit them, such as: can be the creation of tables, indexes, etc. The second is data manipulation language, they are statements that help us to the manipulation of the data such as the actions of delete, update, modify or insert data.

## **Some SQL statements**

There are four types of data statements in SQL:

* Select: allows us to examine the information in the database, this verdict is read-only.
* Insert: Inserts information into the database.
* Update: Update or modify the information stored in the database.
* Delete: Deletes information stored in the database.

# Bibliography

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