SQL is a query language that helping create, update, read, and delete data from database. That data is displayed on one table, or many tables. Because data of an object can be split to manage easily, tables can connect with each other by using the primary key of one table and foreign key on another table, those key from 2 tables have same value so data from 2 tables can be read on one table. However, the performance of the database will be slower with a huge amount of data (1 million records) on the table, because selecting the record of 1 million, the database will go from the first record to the millionth record, and some data can be duplicated many times.

NoSQL is a little the same as SQL, but some NoSQL systems may support some query commands. The difference between NoSQL and SQL are the no connection (relation) between 2 or many tables. However, the performance of NoSQL is very fast, because all the data of an object is stored in one record (document).