The idea of nosql evolves when there is a need to manage huge amount of data. Unlike the traditional RDBMS that uses syntax to store and retrieve data for insights, the Nosql database system encompasses a wide range of database technologies that can store structured, semi-structured, unstructured and polymorphic data. Thus, a Nosql originally known as non of SQL is a non-relational database management system that provides a mechanism of storing humongous amount of data. Below are some of the examples of NoSql databases: MongoDB, BigTable, Redis, RavenDB Cassandra, HBase, Neo4j, and CouchDB

Whereas, SQL (server query language) is a programming language used for managing data held in relational database management system (RDBMS). It's a language that is used by most relational database such as ms access, Oracle, Sybase, Informix, Postgres and SQL Server uses SQL as their standard database language.