

DIFFERENCE BETWEEN



MongoDB

VS

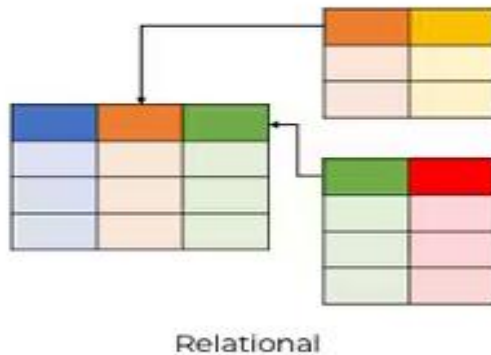
SQL



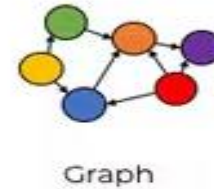
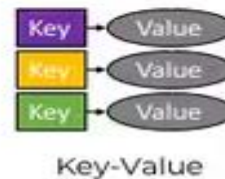
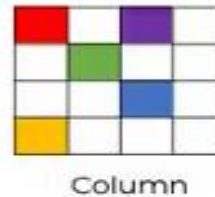
SQL / NoSQL: What are they?

- Both SQL and NoSQL Databases serve the same purpose - to store data. But they do have some differences between them.

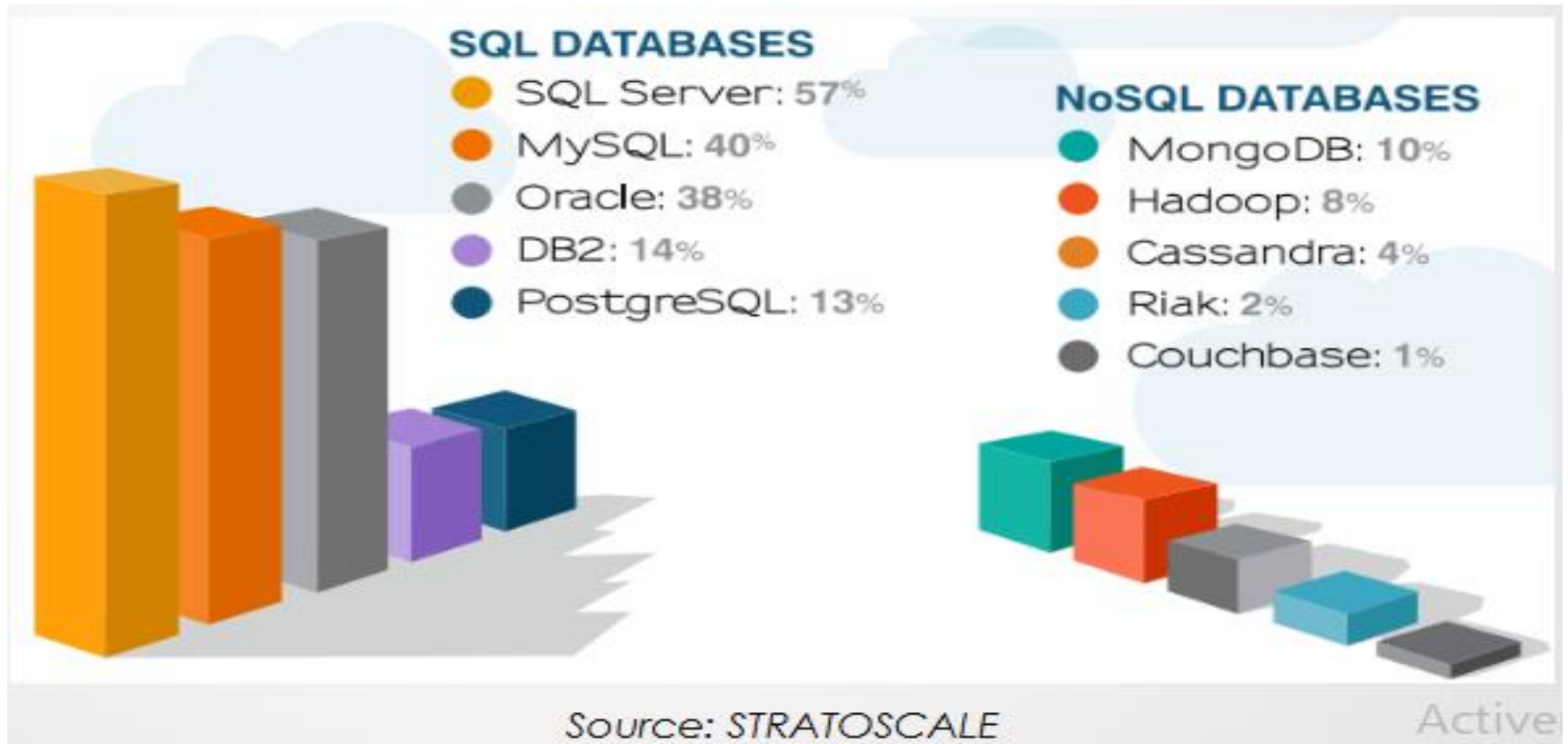
SQL DATABASES



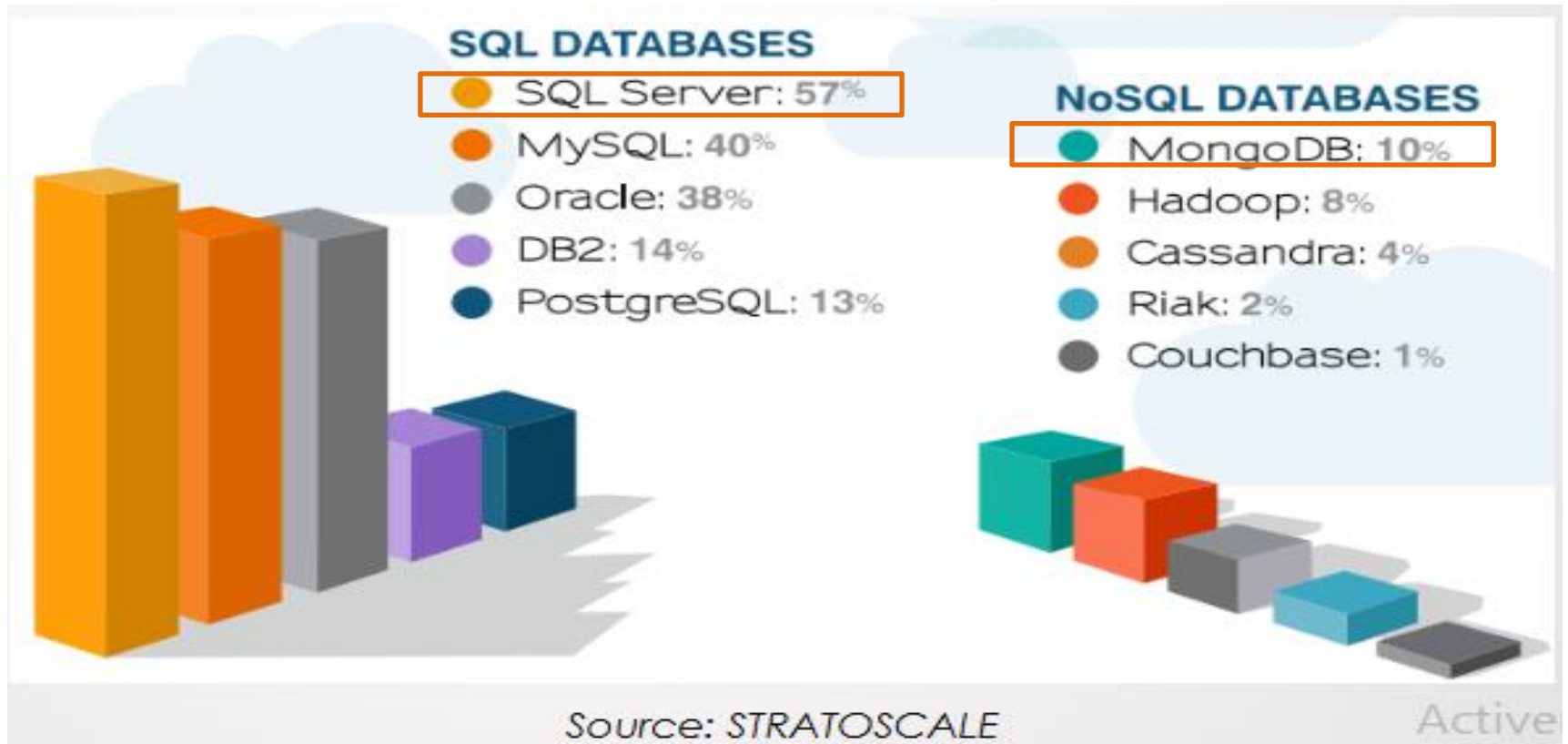
NoSQL DATABASES



Current use of databases



Let's compare ?



Key Differences: MongoDB/SQL

MongoDB	SQL
MongoDB is a document-based, non-relational database management system. Another name for it is an object-based system.	A table-based system is MySQL (or open-source relational database). The table-based architecture, which is regarded as a SQL database, is the data query structure for search.
Every record in MongoDB is kept as a separate document.	Each individual entry is saved as a "row" in a database in MySQL.
Documents from a specific class or group are kept in a "collection".	Rows (also known as records) of a similar sort are kept in a "table".
MongoDB supports out-of-the-box replication and sharding and was built with high availability and scalability in mind.	Although the MySQL architecture does not support effective replication and sharding, one can access related data via joins in MySQL, which reduces duplication.
It was created by MongoDB Inc. and was made available on February 11, 2009.	On April 24, 1989, Microsoft Corporation first made this technology available.

Conclusion: which one is better ?

Answer:

It all depends on your requirements and the project you are working on.

- If you are looking for consistency, reliability, and a system to query structured data you choose SQL databases.
- if you are looking to work faster and independently for storing and retrieving data like graphs, binary numbers, etc choose NoSQL databases.