Microsoft
SQL Server

cassandra

MariaDB

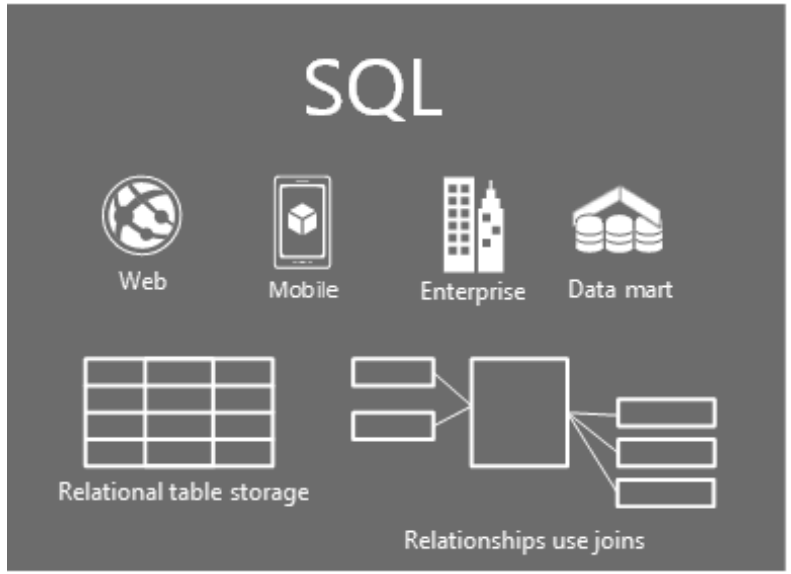
SQL VS NoSql

CouchDB
relax

PostgreSQL

mongoDB.

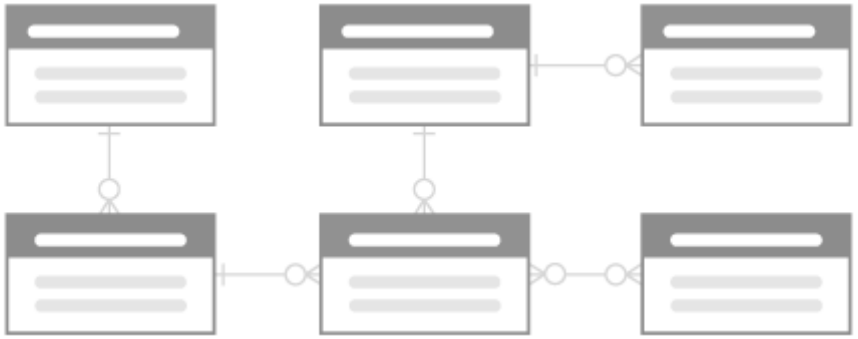
What is SQL? ·
SQL **stands for Structured Query Language** · SQL lets you access and manipulate databases ·

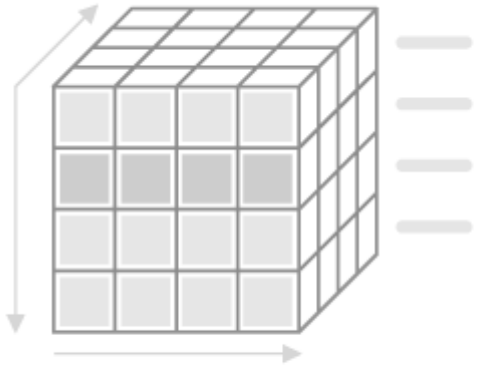


What is NoSQL?
NoSQL databases (aka "not only SQL") **are non-tabular databases and store data differently than relational tables**

SQL

Relational Database Management Systems (RDBMS)



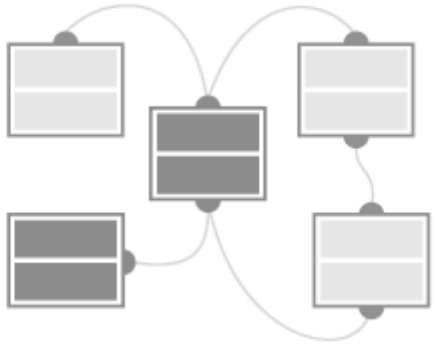


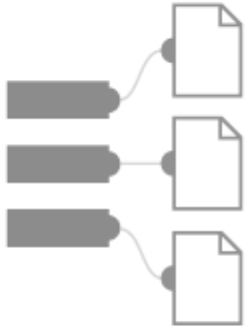
Online Analytical Processing (OLAP) Cube

NoSQL

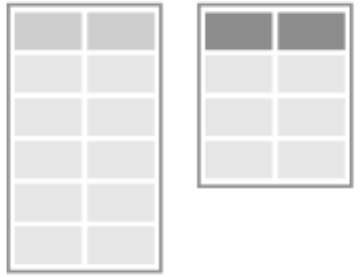
Key-Value

Graph





Document



Column store

	SQL	NoSql (MongoDB)
Syntax	database	database
	table	collection
	row	Document /Bson
	column	Field
	index	index
primary key	manually set Specify any unique column or column combination as primary key.	In MongoDB, the primary key is automatically set to the _id field.
performance	Limitation for lots of read and write queries per second	Great performance for mass
Schema	Predefined schema	Dynamic schema Json Based
scalability	Vertically scalable	Horizantal scalable

Thank you