



Find detailed explanation video on - [www.analogiescloud.com](http://www.analogiescloud.com)



	SQL (Optimized for Storage)	NoSQL (Optimized for performance)
Data Storage	Rows and Columns	Key-value, Document, Wide-column, Graph
Schema	Fixed	Dynamic
Querying	Using SQL	Focused on collection of documents
Scaling	Vertical	Horizontal
Transactions	Supported	Support varies

A

**Atomicity**  
Transactions are all or nothing

C

**Consistency**  
Only valid data is saved

I

**Isolation**  
Transactions do not affect each other

D

**Durability**  
Written data won't be lost

BA

**Basically Available**  
System does guarantee availability

S

**Soft state**  
System may change over time

E

**Eventual consistency**  
system will become consistent over time