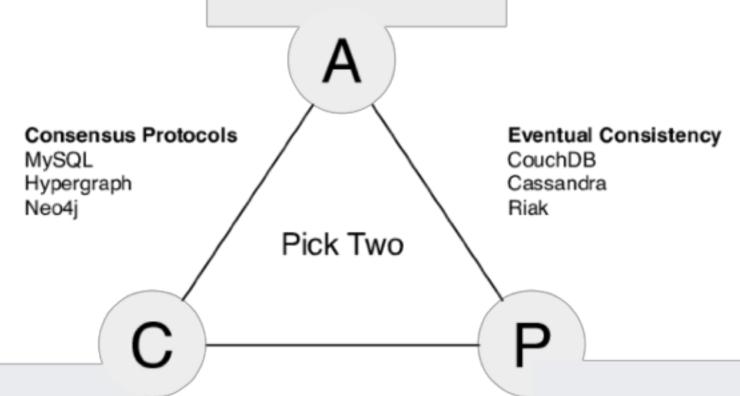


NoSQL Databases

CAP Theorem

Availability

Each client can always read and write Total Redundancy



Consistency

All clients always have the same view of the data ACID, Transactions

Enforced Consistency

HBase MongoDb Redis

Partition Tolerance

System works well despite physical network partitions Infinite Scale Out

Google Cloud Datastore

Types of Replication

Multi-Region

Replication

Single-Region Replication

