Hands on with No-SQL – MongoDB

**BASE Property:**

**Basic Availability:** The system is available most of the time, but does not give a guarantee for consistency.

**Soft State:** Even without input query, the state of the system may change over time.

This happens because an NoSQL database continues to keep the system consistent and available by synchronising it with other systems.

**Eventual consistency:** The system will eventuall become consistent once it stops receiving input.

**Types of NoSQL Databases**

1. **Key-Value Store** e.g. Cassandra, DynamoDB and Redis
2. **Document-Based Store** e.g. CouchDB and MongoDB
3. **Column-Based Store** e.g. HBase and Hypertable
4. **Graph-Based Store** e.g. Neo4j