



SUPER  
DATASCIENCE  
MAKING THE COMPLEX SIMPLE

# TOP

# NOSQL DATABASES

 mongoDB

 redis

  
cassandra

APACHE  
HBASE 

 neo4j

## 1. MONGODB

MongoDB is a document store, and the current top NoSQL database engine in use today. As is the requirement for NoSQL engines, MongoDB does not use a relational schema, instead of using JSON-like "documents" to store data. The document is akin to a record, housing fields, and values. MongoDB supports dynamic schemas and is free and open source software.



SCORE: 401  
OVERALL RANK: 5\*

## 2. REDIS

Redis is the most popular and widely-used key-value store implementation.

Redis is an open source (BSD licensed), in-memory data structure store, used as a database, cache and message broker. It supports data structures such as strings, hashes, lists, sets, sorted sets with range queries, bitmaps, hyperloglogs, geospatial indexes with radius queries and streams.



SCORE: 146  
OVERALL RANK: 8\*

## 3. CASSANDRA

Originally developed at Facebook, Cassandra is a decentralized, distributed, column-oriented database engine. It is optimized for clusters, especially those across multiple data centers, and thanks to its asynchronous updating and master-less design, Cassandra provides low latency client access. It is also free and open source.



SCORE: 123  
OVERALL RANK: 11\*

## 4. HBASE

Another column-oriented database, HBase is a free and open source implementation of Google's BigTable. While HBase is a legitimate piece of software in its own right, some of its popularity and widespread use undoubtedly comes from its close association with Hadoop, as it is part of the Apache project. It facilitates the efficient lookup of sparse, distributed data, which is one of its strongest selling points.



SCORE: 59  
OVERALL RANK: 17\*

## 5. NEO4J

Neo4j is the graph database management system. The graph database is premised on edges acting as relationships, directly relating data instances to one another. Like others, Neo4j has an open source implementation as well.

Built in Java, Neo4j data can be accessed and updated via the Cypher Query Language, a graph-specific language.



SCORE: 49  
OVERALL RANK: 22\*