

Related Roadmaps

✔ MongoDB Roadmap

✔ Redis Roadmap

✔ PostgreSQL Roadmap

✔ Data Engineer Roadmap

Logical Concepts

Cluster (System)

Node (Instance)

Index (Database)

Document (Row)

ID (Primary Key)

Physical Layout

Master-Eligible Nodes

Data Nodes

Coordinating Nodes

Sharding & Scaling

Primary Shards

Replica Shards

The "Split Brain" Problem

CRUD Operations

Create Index

Delete Index

Index Document

Get Document

Update Document

Delete Documents

Bulk Operations

Bulk index

Optimizing Bulk Indexing

Migrations & Repair

Bulk index

Update by Query

Delete by Query

Pagination

Sorting

Source Filtering

Highlighting

Metric Aggregations

Value Count

Avg / Sum / Min / Max

Cardinality

Stats / Extended Stats

Bulk Aggregations

Terms

Range / Date Range

Histogram

Filter Aggregations

Advanced Aggregations

Nested Aggregations

Pipeline Aggregations

Cluster Management

CAT API

Segment Merging

Cluster Monitoring

Cross-cluster Replication

Autoscaling

Data Life Cycle

ILM

Rollover Policies

Data Tiers

Data Safety

Snapshots & restore

SLM

Security

Authentication

Roles & Users

API Keys

