

Apache Cassandra

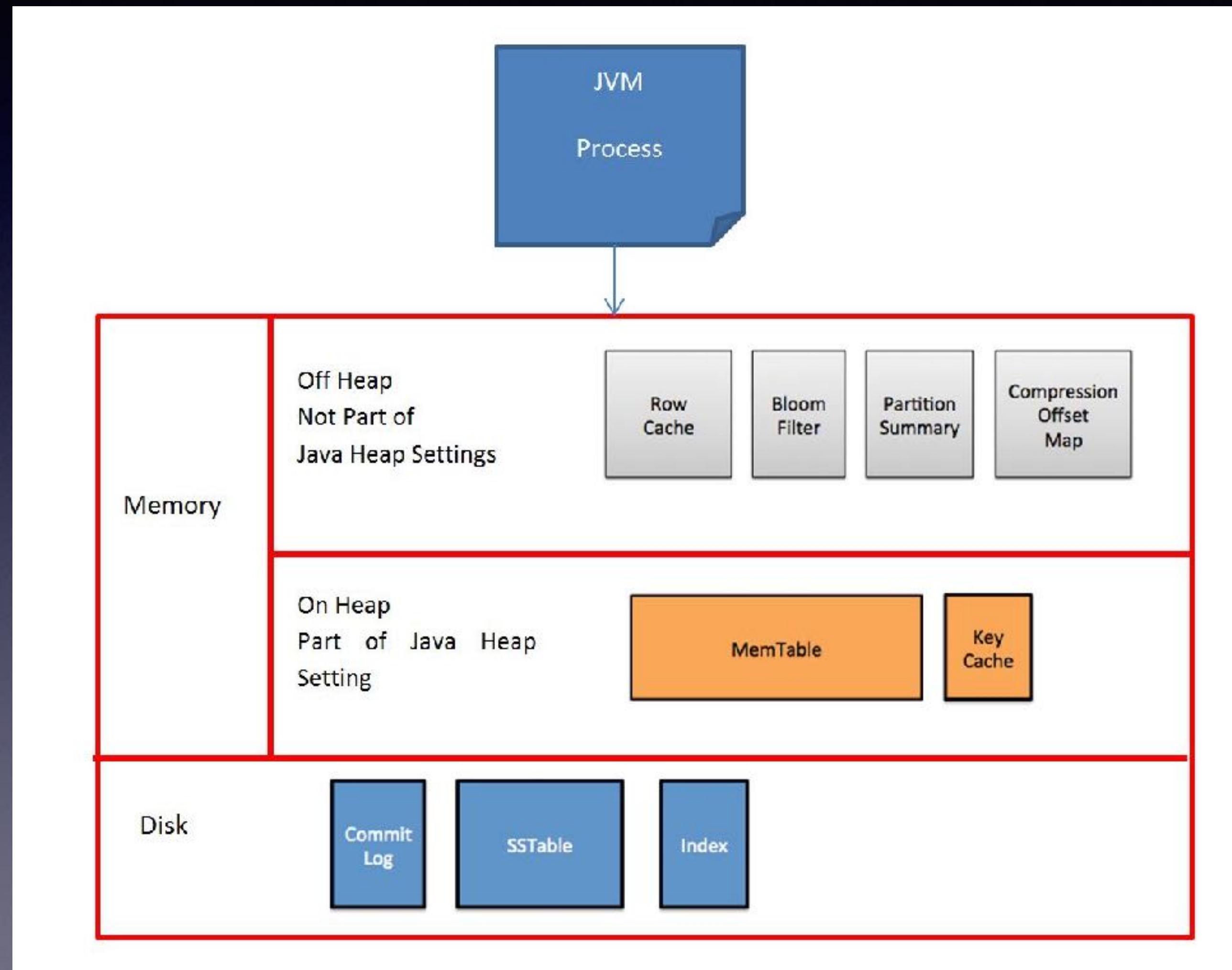
Topics

- Introduction
- Data Modeling
- Querying
- Administration
- Development
- DevOps

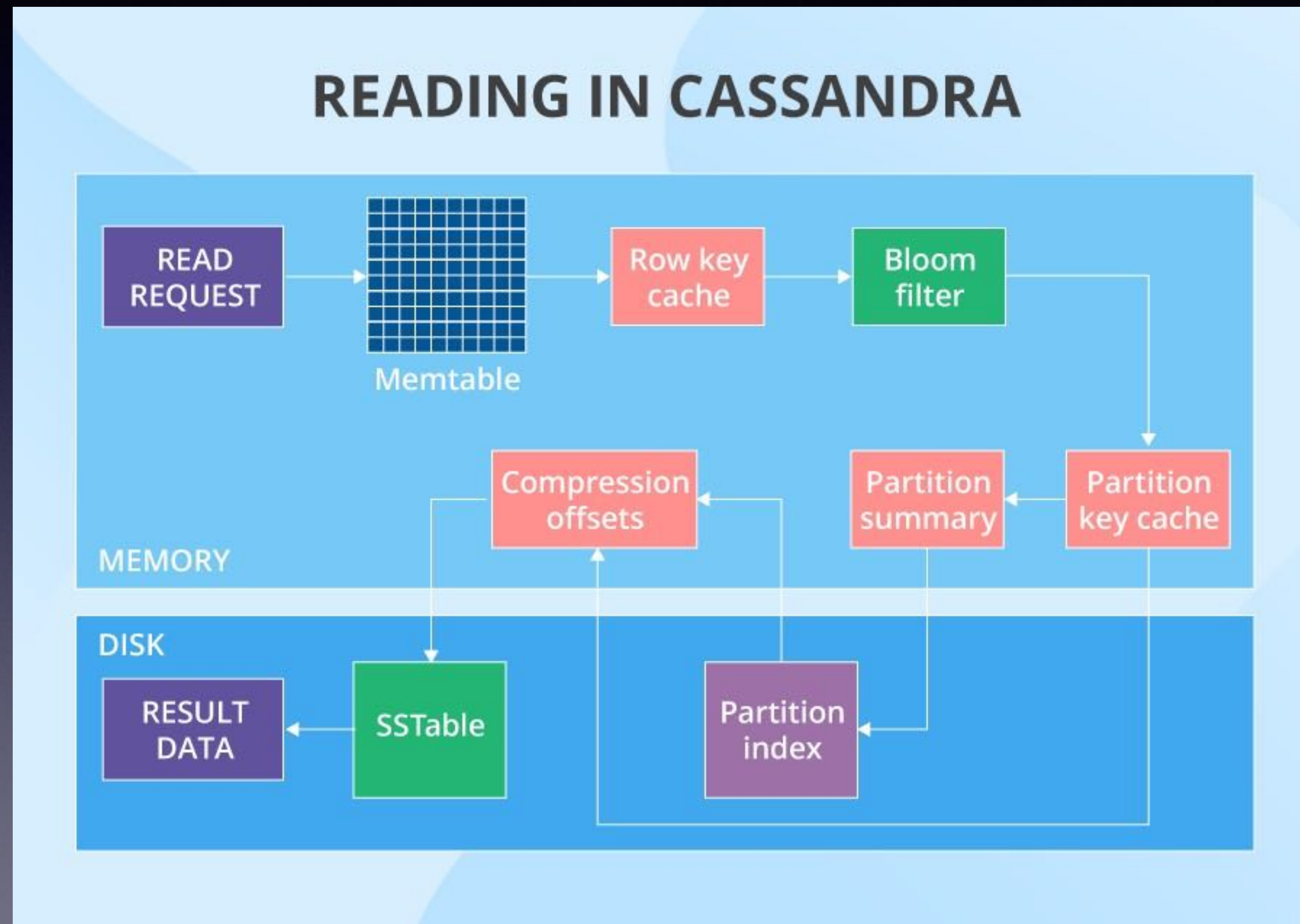
Introduction

- Overview
- Architecture
- Compare with Other Database

Architecture

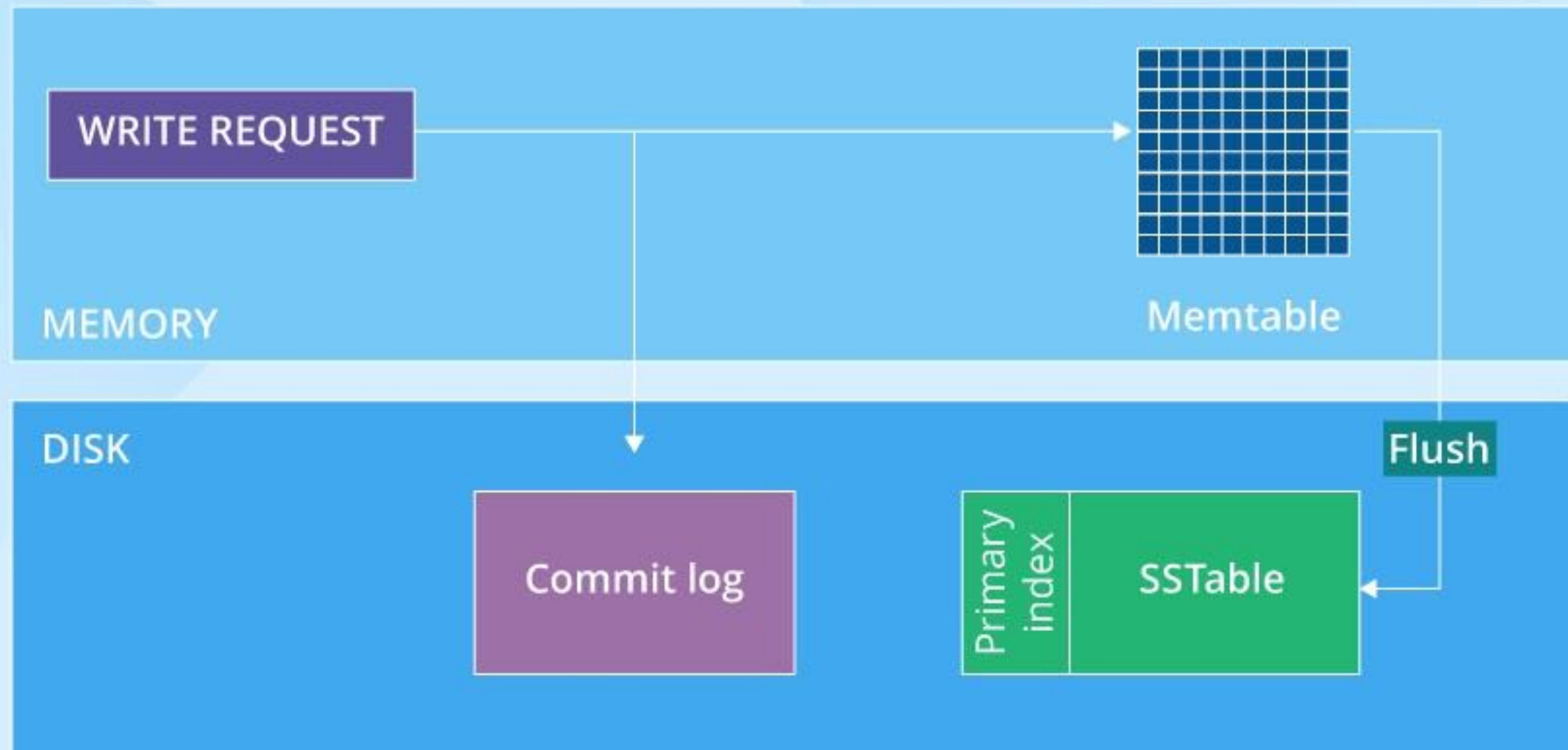


Read Operation



Write Operation

WRITING IN CASSANDRA



Data Modeling

- Data Model
- Denormalization Strategies

Querying

- Cassandra Query language - CQL
- Query Optimization
- Advanced CQL Features

Administration

- Cluster Setup and Configuration
- Monitoring and Troubleshooting
- Backup and Recovery

Development

- Client Drivers
- Data Consistency and Durability
- Performance Optimization

DevOps

- Integrating with DevOps Tools