

1 WHAT IS KAFKA?

✔ Kafka is a Distributed Event Store and Streaming Platform



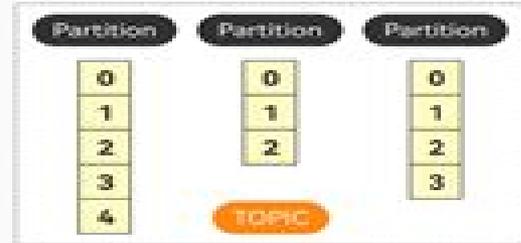
2 WHAT IS A MESSAGE?

✔ The basic unit of data in Kafka is a message



3 TOPICS & PARTITIONS

✔ A message goes to a topic that is made up of partitions



8 KAFKA USE CASES

- ✔ Log analysis
- ✔ Data streaming
- ✔ Change Data Capture
- ✔ System Monitoring and Alerting

Kafka 101

8 steps to learn the fundamentals of Kafka

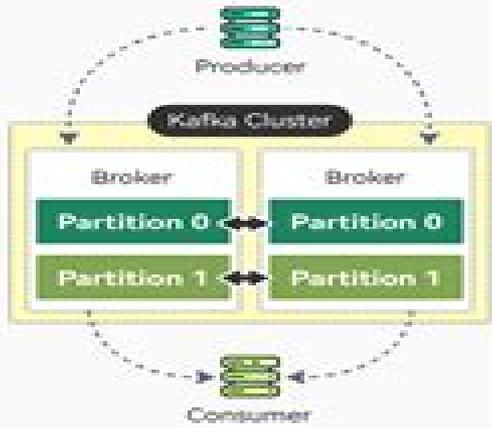
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4 ADVANTAGES OF KAFKA

- ✔ Can handle multiple producers
- ✔ Support multiple consumers without problems
- ✔ Disk-based data retention
- ✔ Highly-scalable

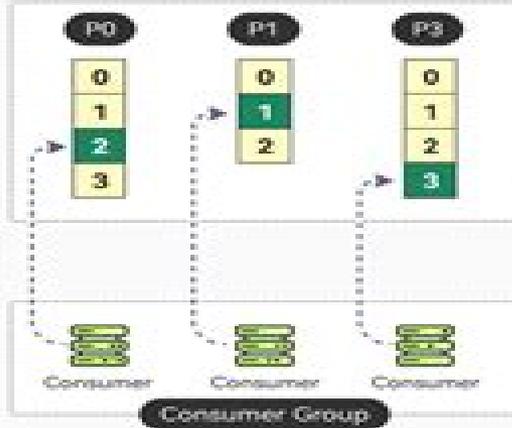
7 KAFKA CLUSTER

✔ A Kafka cluster is made up of several brokers with partitions replicated across them



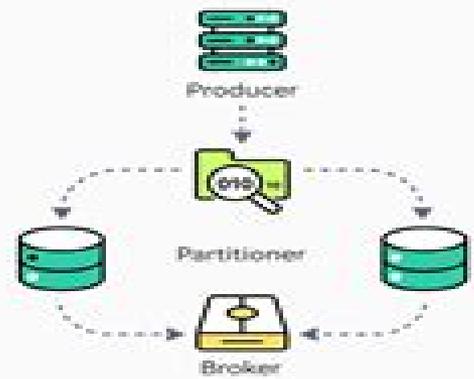
6 KAFKA CONSUMER

✔ Consumers read messages from the broker



5 KAFKA PRODUCER

○ Producers create new messages, batch them, and send them to a topic



The Basic Kafka

SJ Ball



The Basic Kafka:

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Table of Contents The Basic Kafka

1. Understanding the eBook The Basic Kafka
 - The Rise of Digital Reading The Basic Kafka
 - Advantages of eBooks Over Traditional Books
2. Identifying The Basic Kafka
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an The Basic Kafka
 - User-Friendly Interface
4. Exploring eBook Recommendations from The Basic Kafka
 - Personalized Recommendations
 - The Basic Kafka User Reviews and Ratings
 - The Basic Kafka and Bestseller Lists
5. Accessing The Basic Kafka Free and Paid eBooks

- The Basic Kafka Public Domain eBooks
 - The Basic Kafka eBook Subscription Services
 - The Basic Kafka Budget-Friendly Options
6. Navigating The Basic Kafka eBook Formats
 - ePub, PDF, MOBI, and More
 - The Basic Kafka Compatibility with Devices
 - The Basic Kafka Enhanced eBook Features
 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of The Basic Kafka
 - Highlighting and Note-Taking The Basic Kafka
 - Interactive Elements The Basic Kafka
 8. Staying Engaged with The Basic Kafka
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers The Basic Kafka
 9. Balancing eBooks and Physical Books The Basic Kafka
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection The Basic Kafka
 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
 11. Cultivating a Reading Routine The Basic Kafka
 - Setting Reading Goals The Basic Kafka
 - Carving Out Dedicated Reading Time
 12. Sourcing Reliable Information of The Basic Kafka
 - Fact-Checking eBook Content of The Basic Kafka
 - Distinguishing Credible Sources
 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development

- Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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