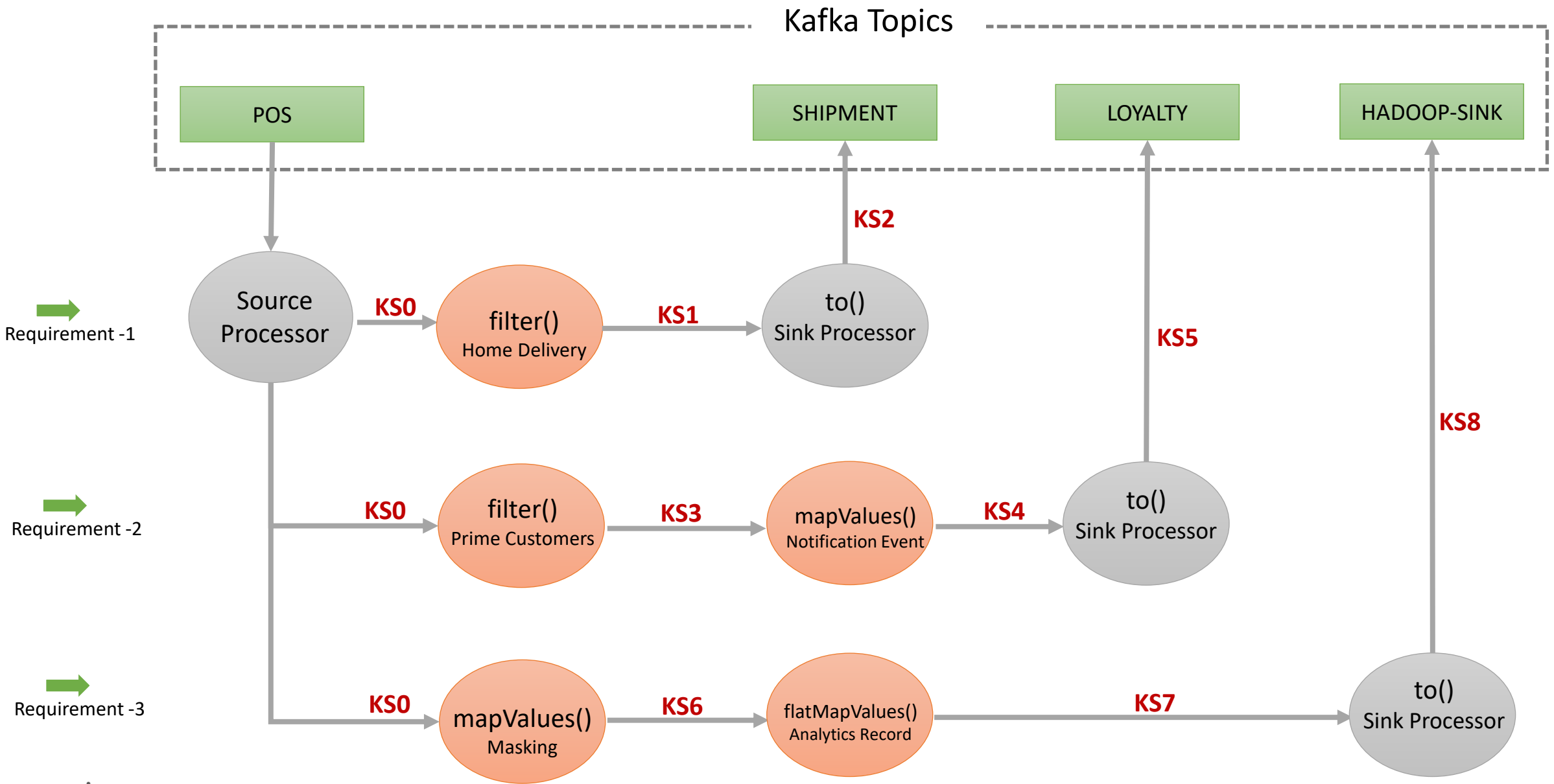
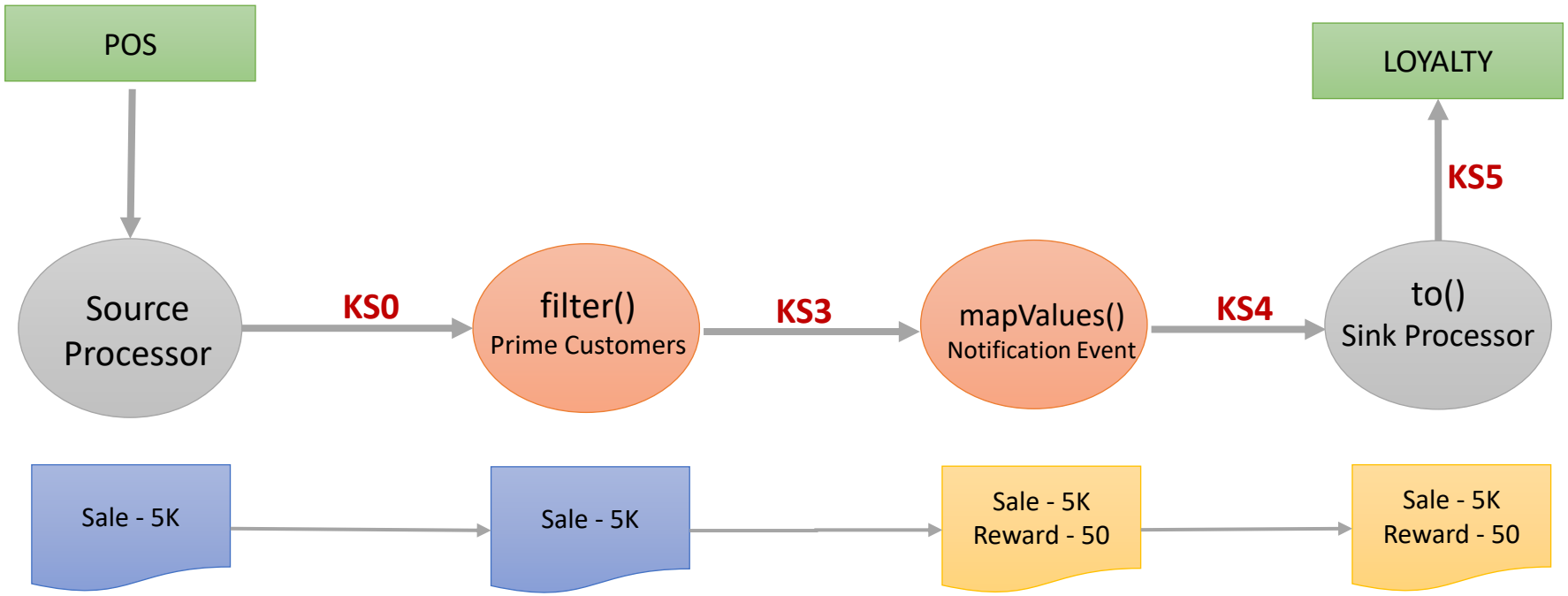
States and State Store



LEARNING JOURNAL

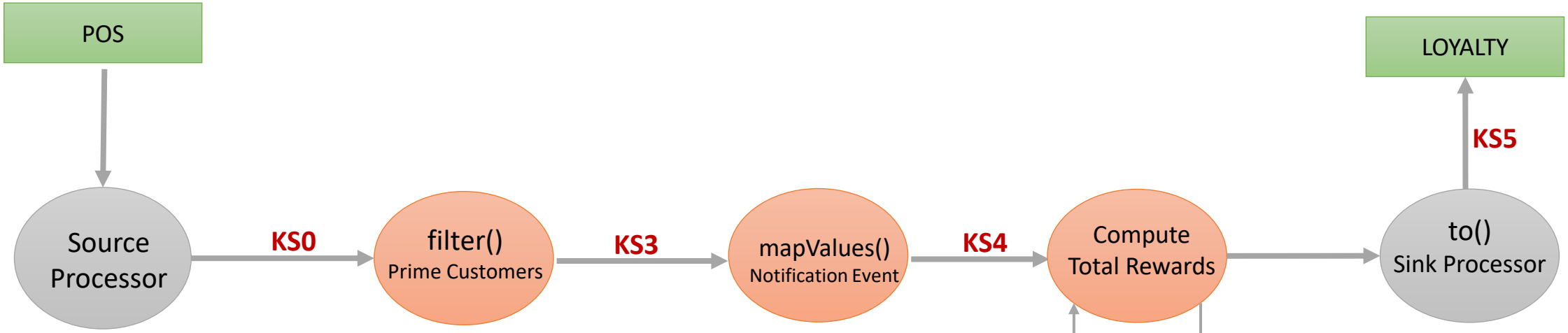
How to remember past events?

States & State Store



LEARNING JOURNAL

States & State Store



Customer ID	Total Rewards
1001	5
1005	260
2009	74

LEARNING JOURNAL

States & State Store

Where do we park the states?

In-memory?
Local file system?
Remote Databases?

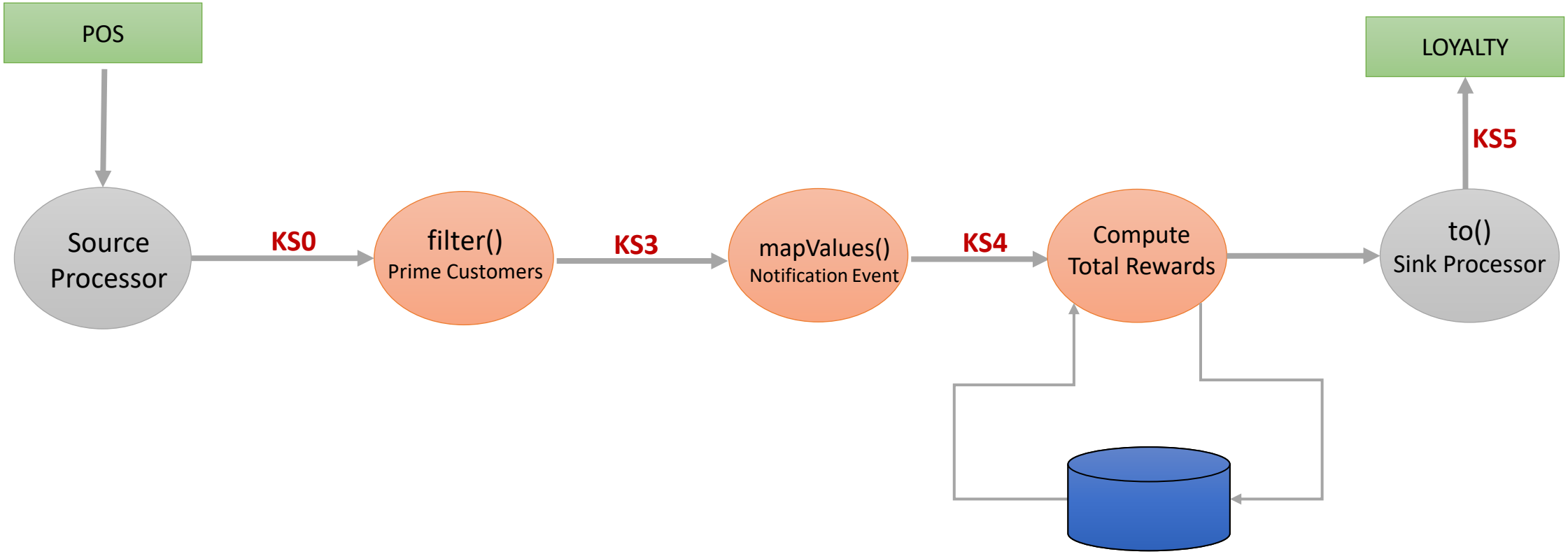
LEARNING JOURNAL

States & State Store

1. Faster Performance
2. Fault Tolerance

LEARNING JOURNAL

States & State Store



LEARNING JOURNAL

States & State Store

1. Fault-tolerant in-memory state stores
2. Recoverable persistent state stores.

LEARNING JOURNAL

States & State Store

1. Stateless Processors
2. Stateful Processors

LEARNING JOURNAL

Let’s Rock the Stateful Stream Processing