

Data are saved in shards. → ^{fixed} unit from 24 hours to 7 days, retention capacity

Each Shard: 1 or more data records

Read 2MB

Write: 1MB per second, 1000 write per second.

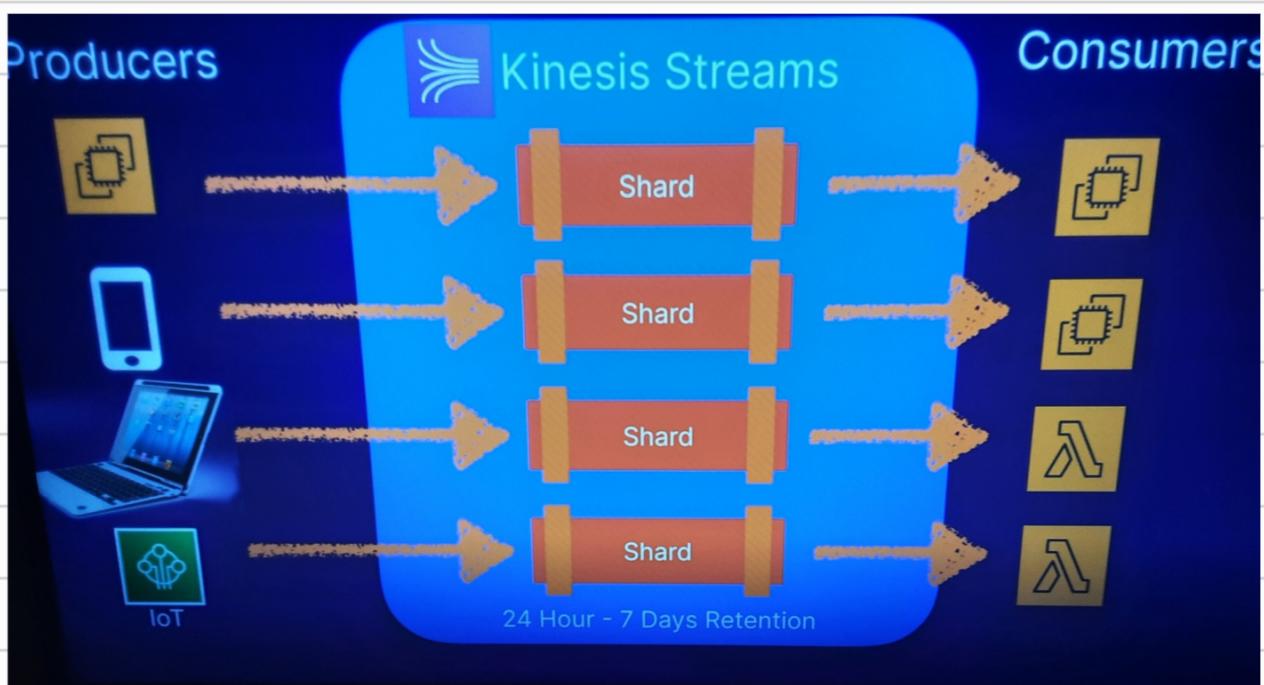
KINESIS DATA FIREHOUSE

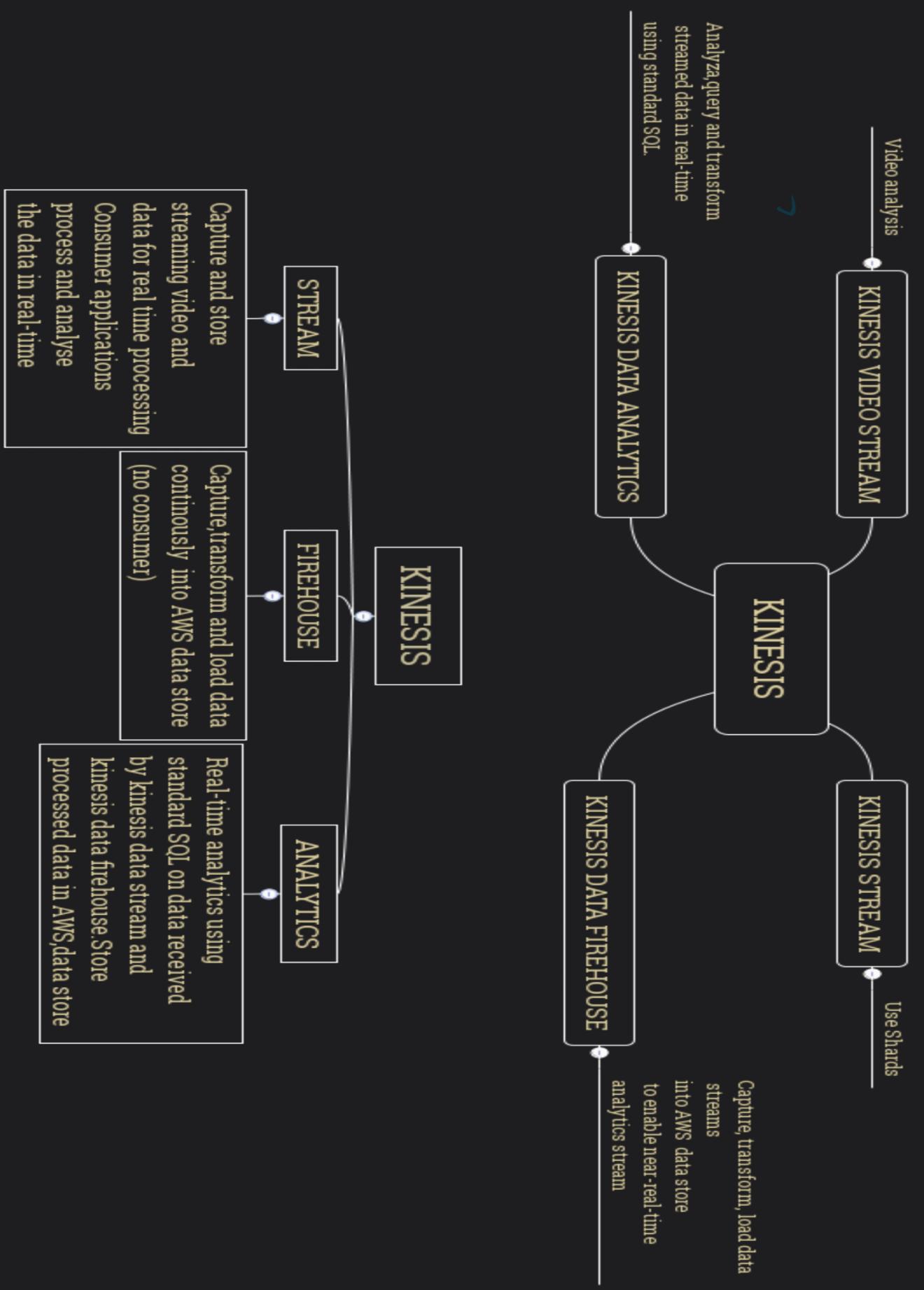
No data retention

Using for store directly to some store. (No consumer)

KINESIS DATA Analytics

works for shards and data firehouse.





Recommendation: Use auto-scaling
re-sharding

If you add more shards, let KCL
add more record processor in your consumer

Look at CPU utilization.