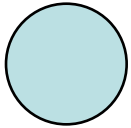
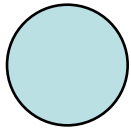
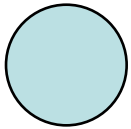
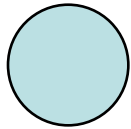
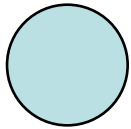
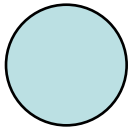
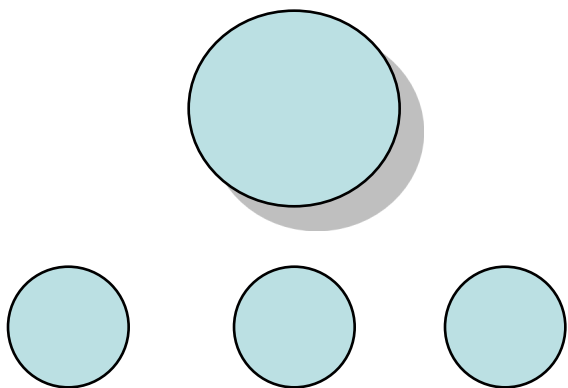


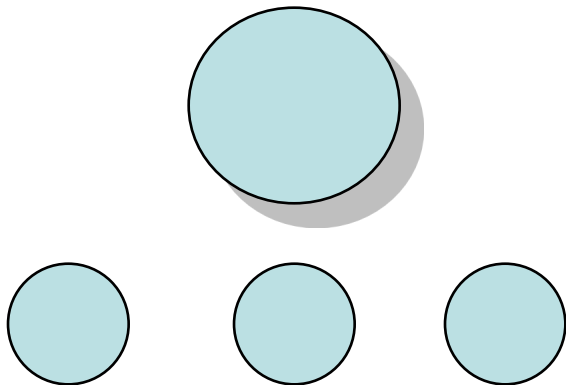
Sharding - Schematic

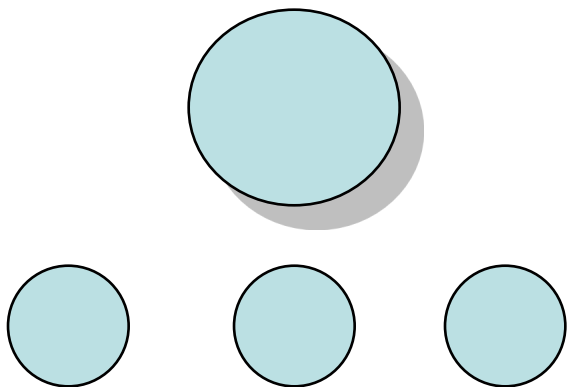


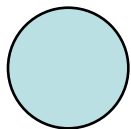
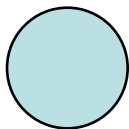
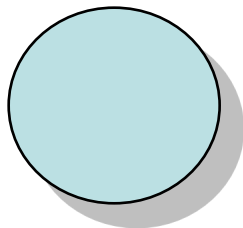
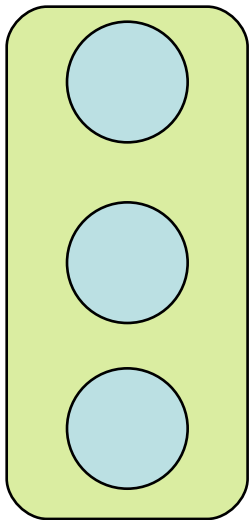


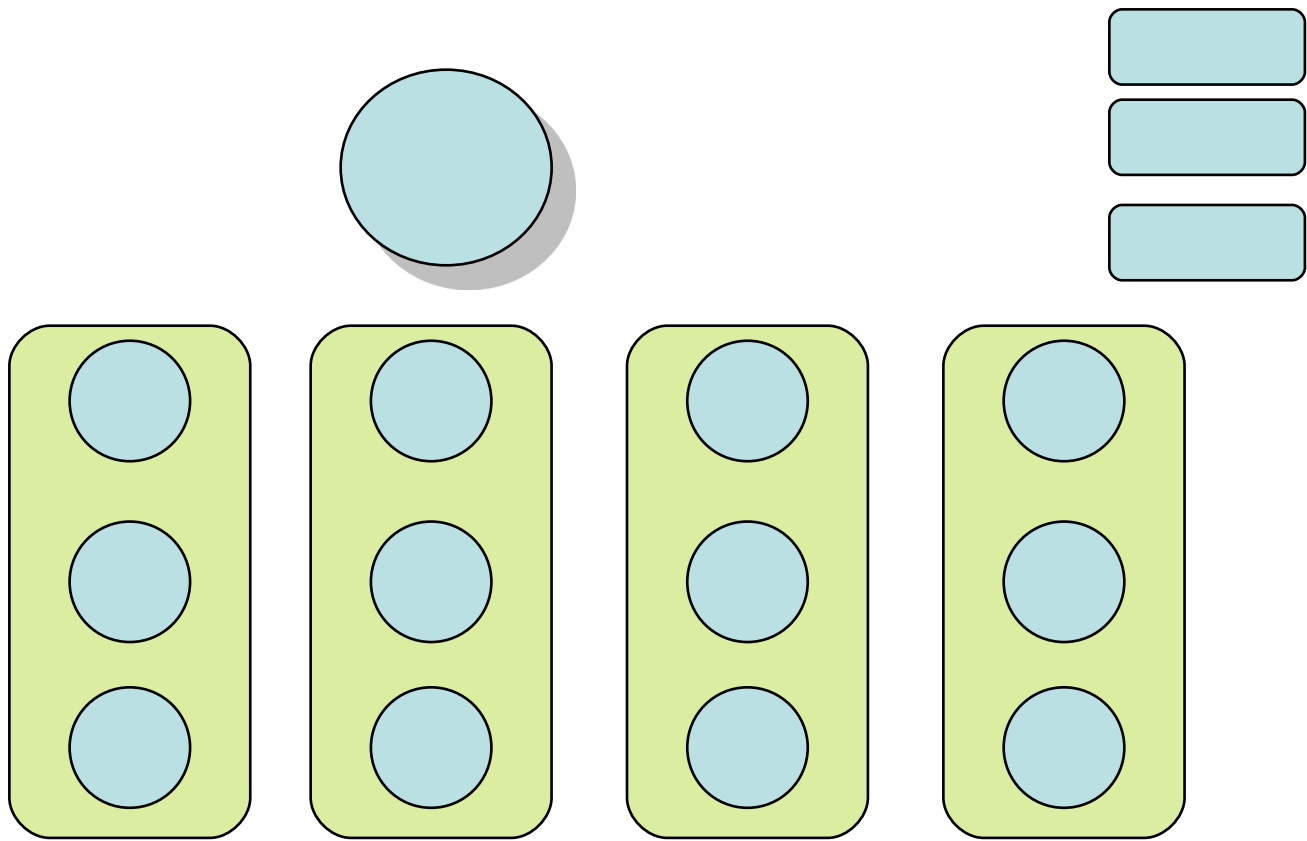


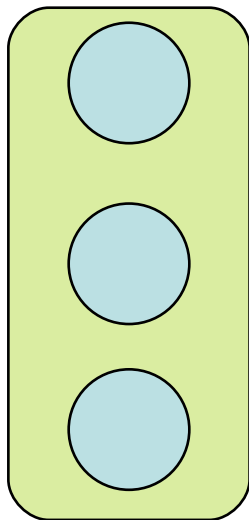
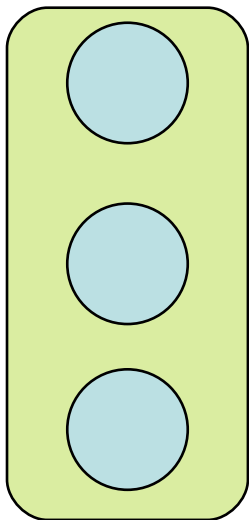
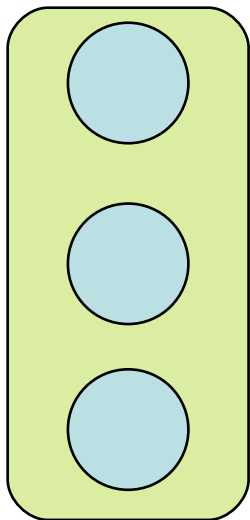
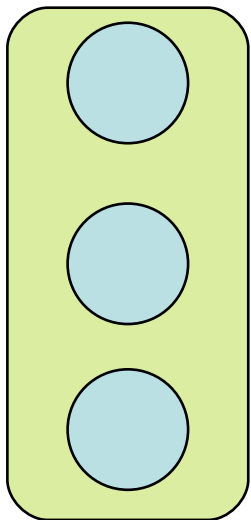
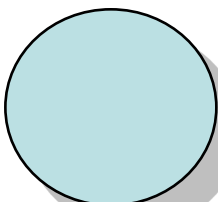
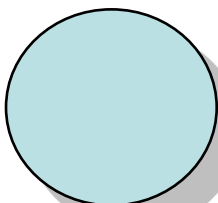
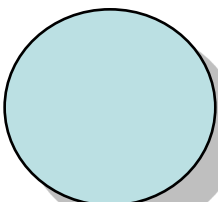


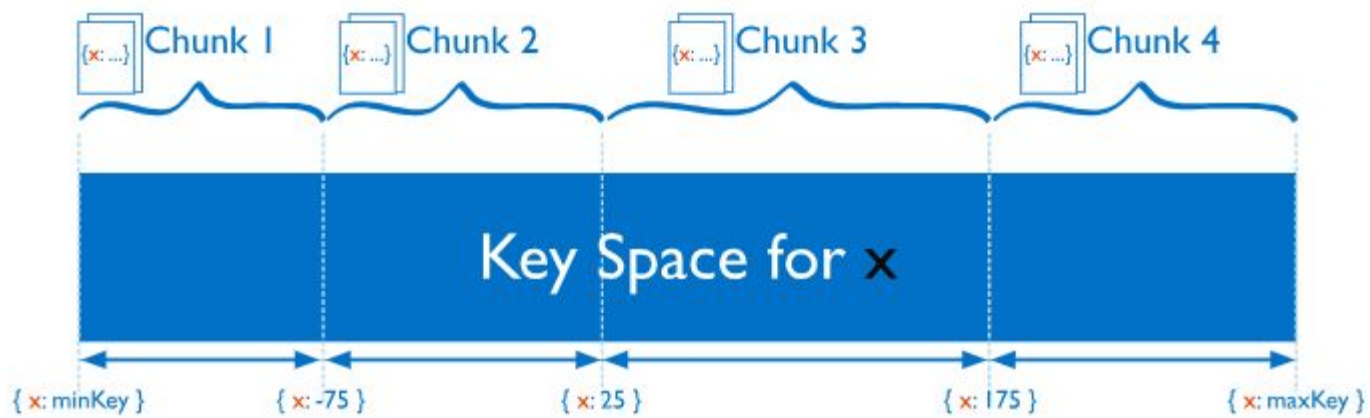


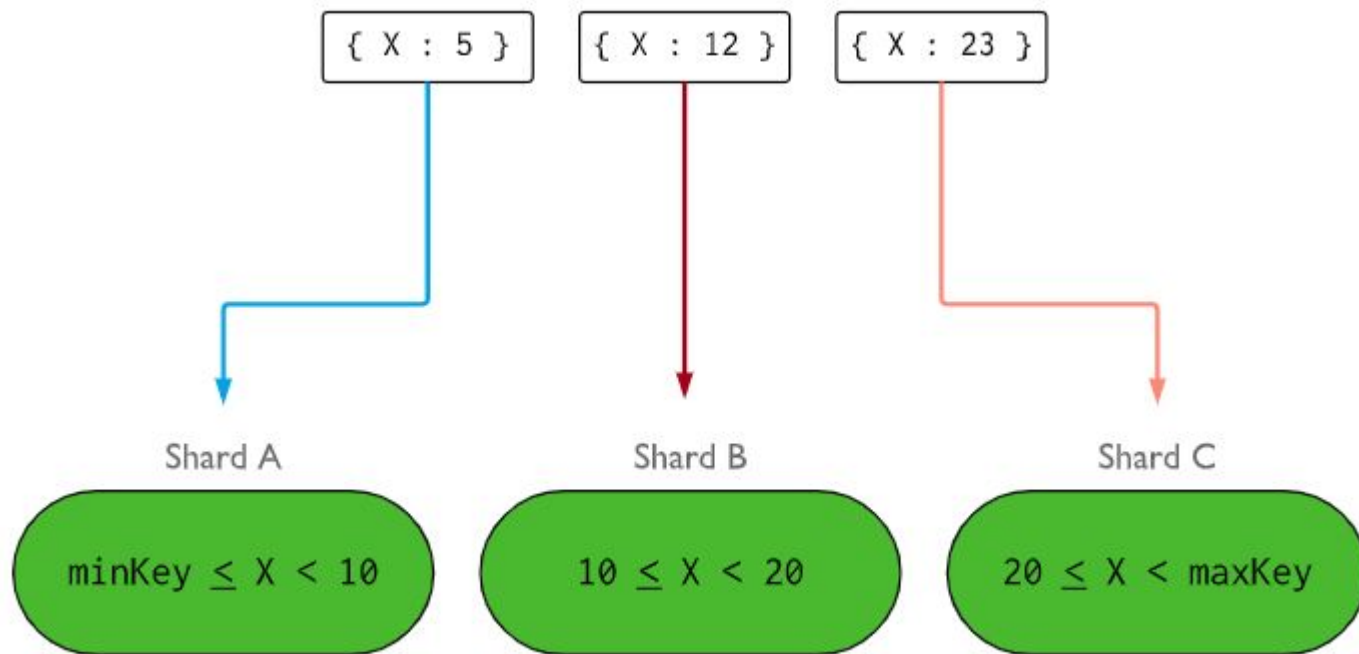


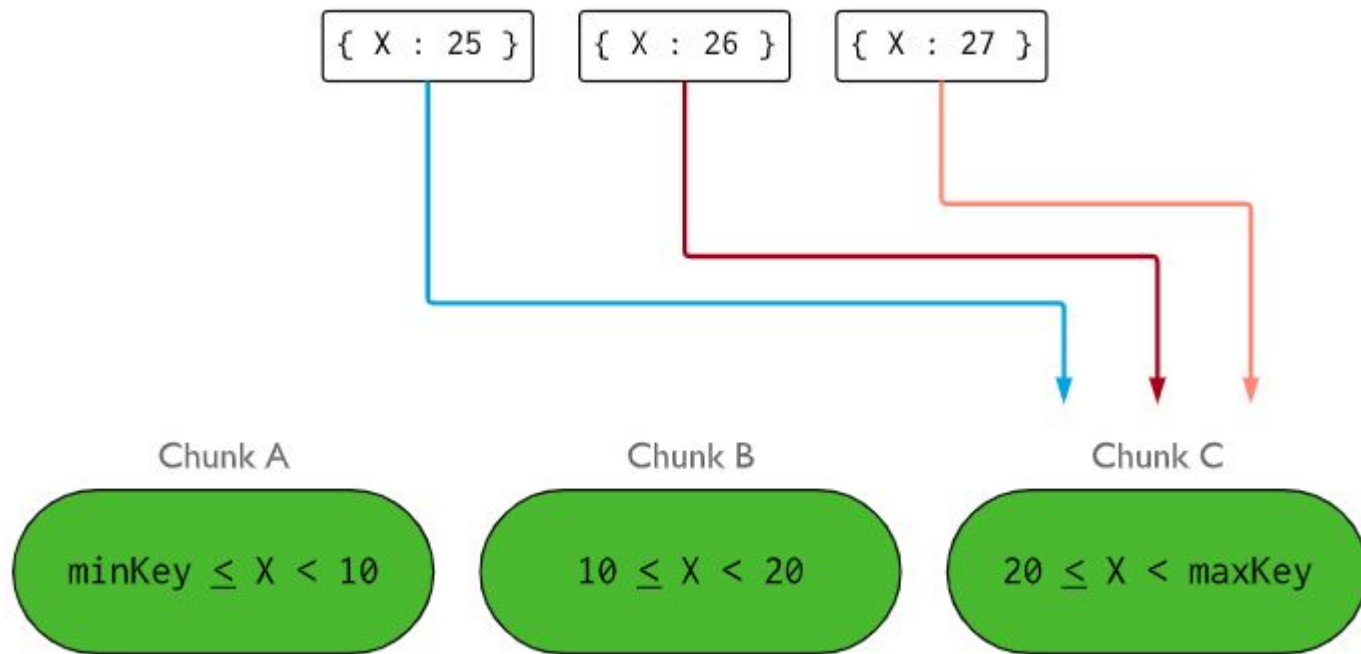


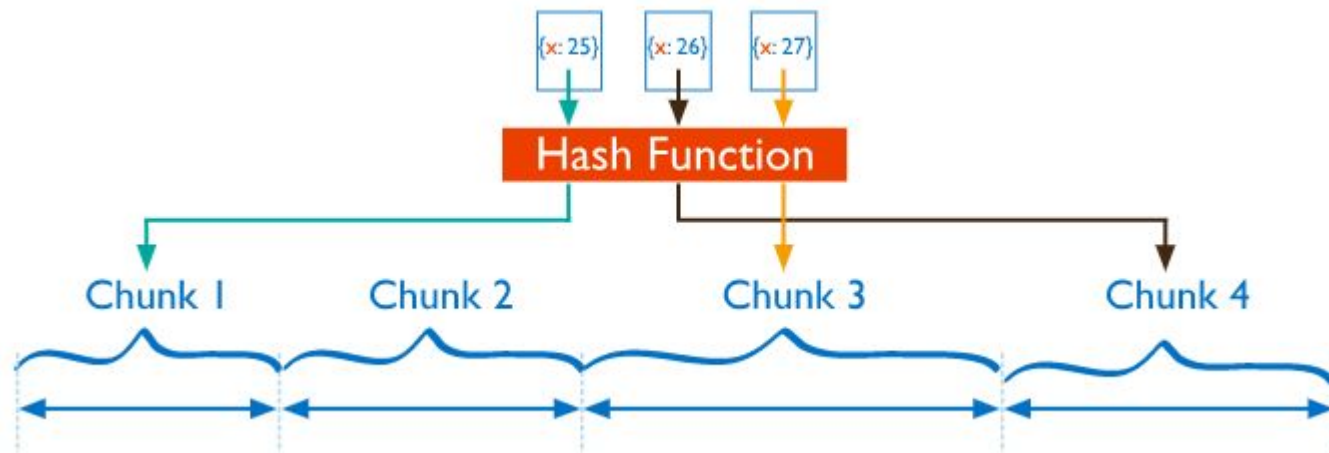


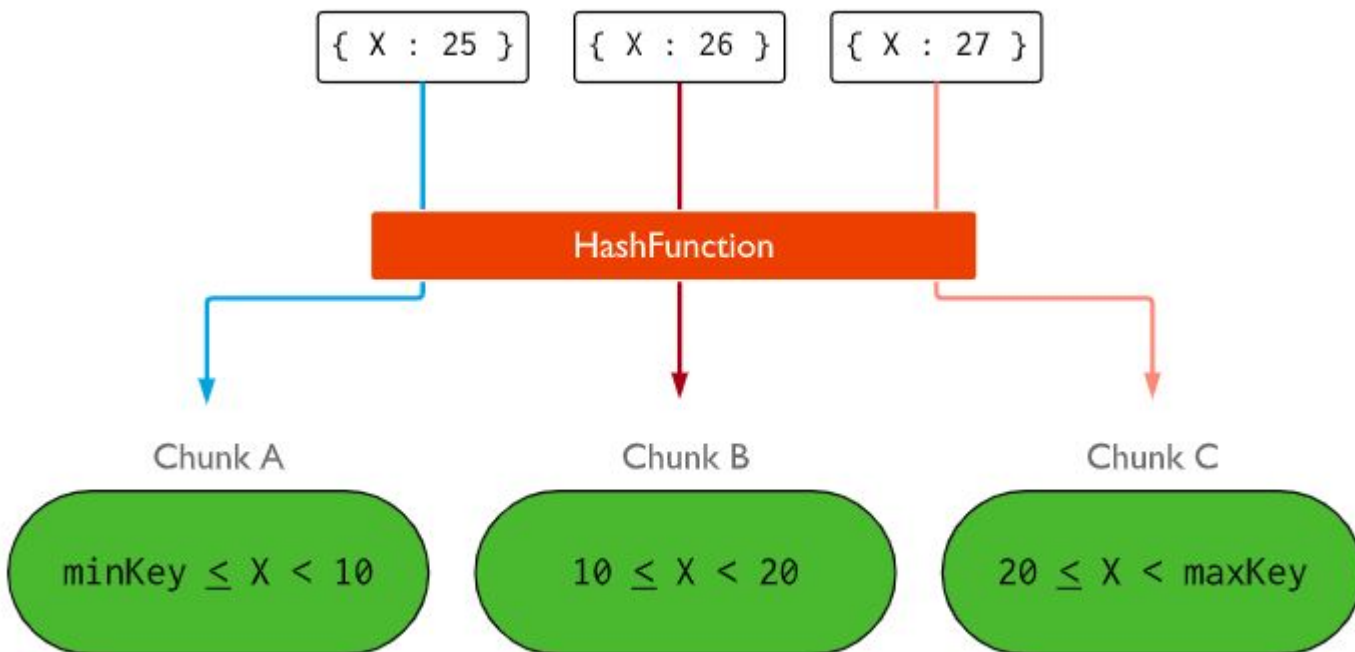












Here is a comparison of the provisioned throughput efficiency of some common partition key schemas:

Partition key value	Uniformity
User ID, where the application has many users.	Good
Status code, where there are only a few possible status codes.	Bad
Item creation date, rounded to the nearest time period (for example, day, hour, or minute).	Bad
Device ID, where each device accesses data at relatively similar intervals.	Good
Device ID, where even if there are many devices being tracked, one is by far more popular than all the others.	Bad