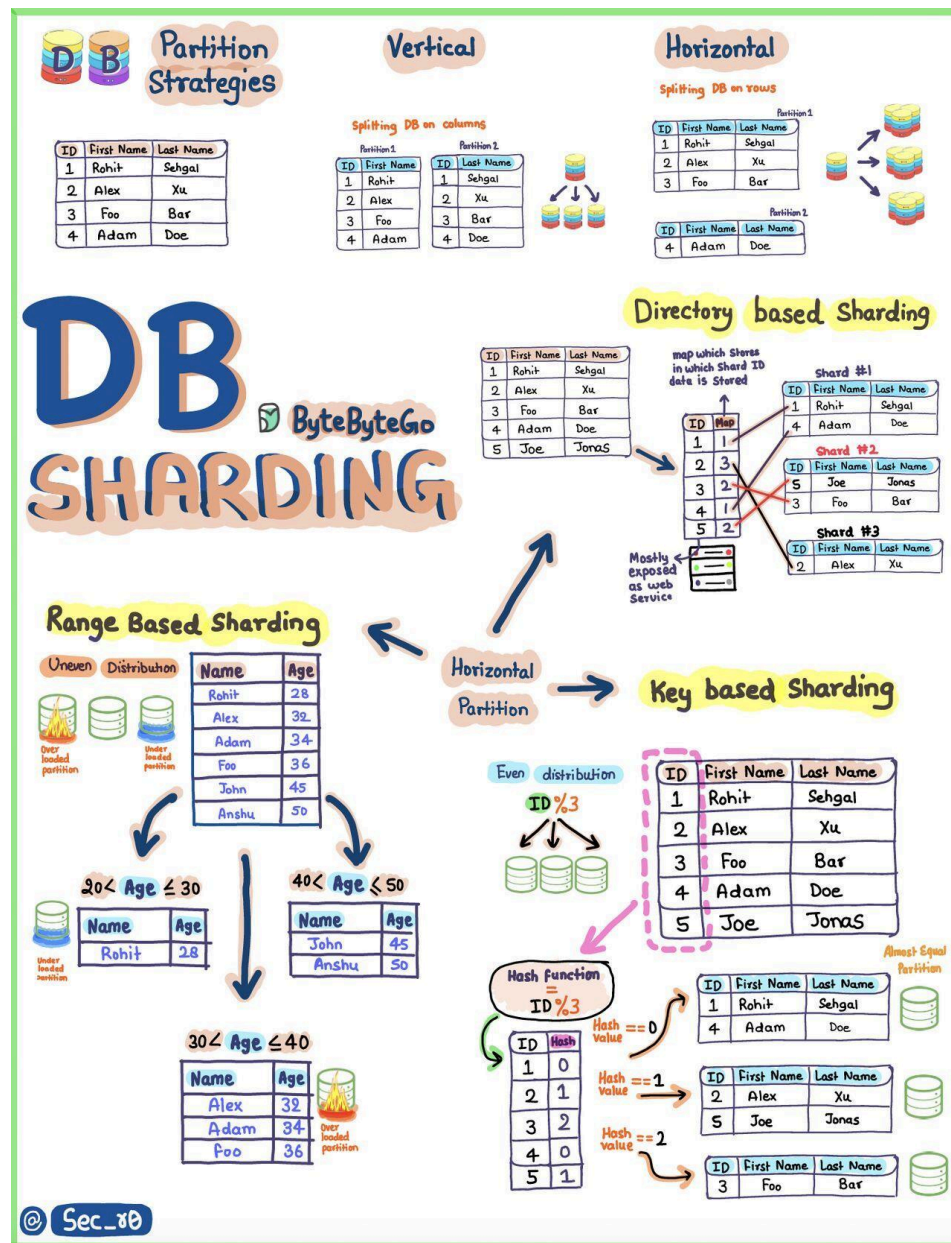


Key Concepts to Understand Database Sharding

In this concise and visually engaging resource, we break down the key concepts of database partitioning, explaining both vertical and horizontal strategies.



1. Range-Based Sharding: Splitting your data into distinct ranges. Think of it as organizing your books by genre on separate shelves.

2. Key-Based Sharding (with a dash of %3 hash): Imagine each piece of data having a unique key, and we distribute them based on a specific rule. It's like sorting your playing cards by suit and number.
3. Directory-Based Sharding: A directory, like a phone book, helps you quickly find the information you need. Similarly, this technique uses a directory to route data efficiently.

Over to you: What are some other ways to scale a database?