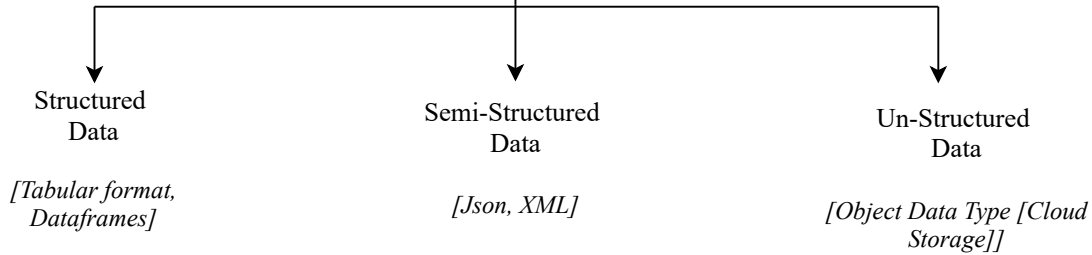


Matching Database to the workload

Business
Data Requirement

1. Type of Data



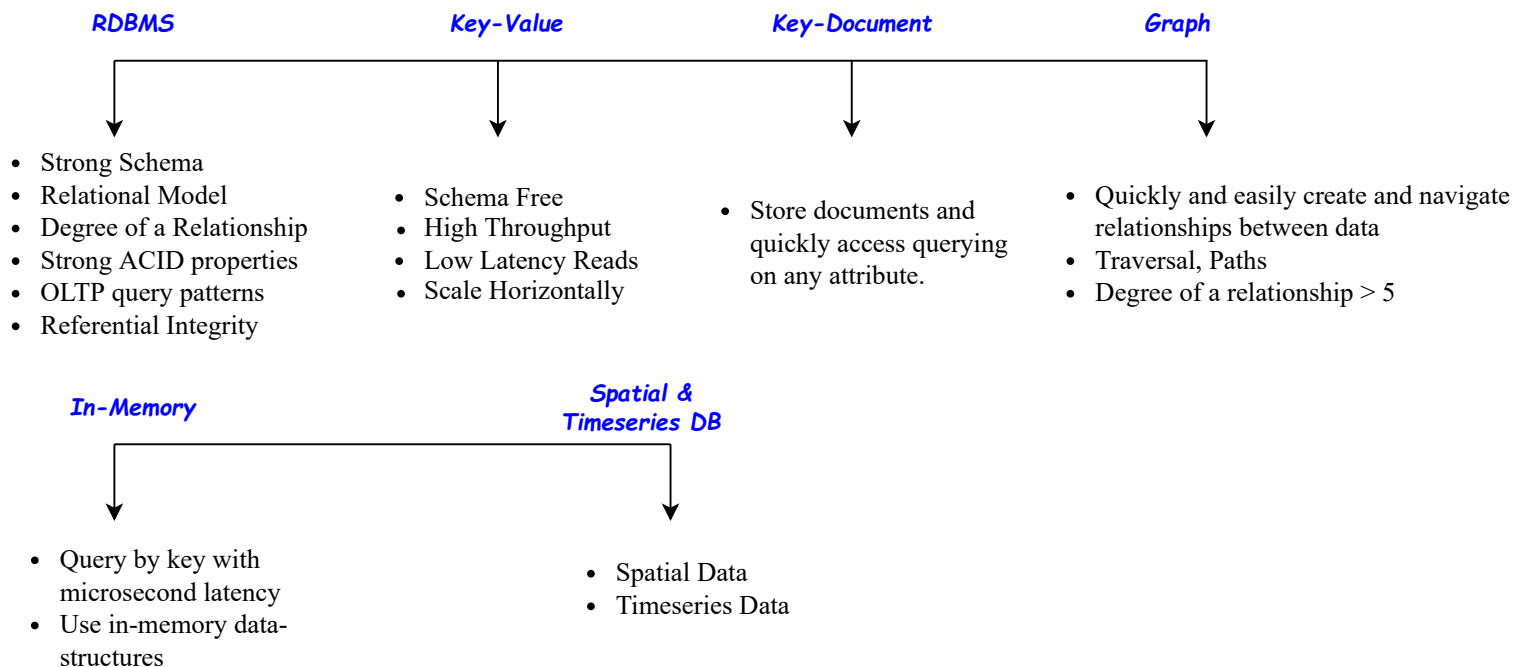
2. What this data represents?

Tabular Data, Entity Relationships, Spatial Data, Time-series Data, Etc..

3. Define Conceptual Data Model

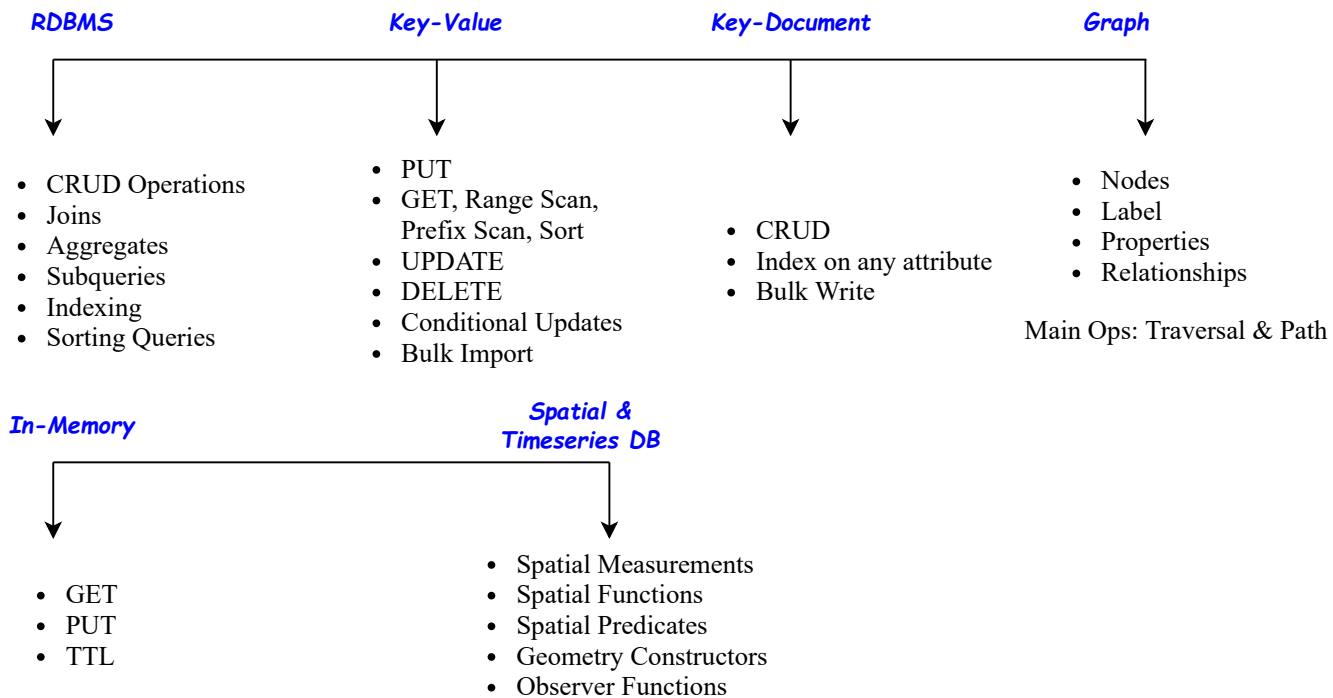
Data Model is a collection of concepts describing data.
Understand query patterns.

4. Categories



Referential integrity refers to the accuracy and consistency of data within a relationship. In relationships, data is linked between two or more tables
Degree of a relationship is the number of entity types that participate(associate) in a relationship

5. Database Operations



Using this information, We can map the use-case/workload to a specific database. Now next part is how to choose specific implementation(or from specific Vendor Database).