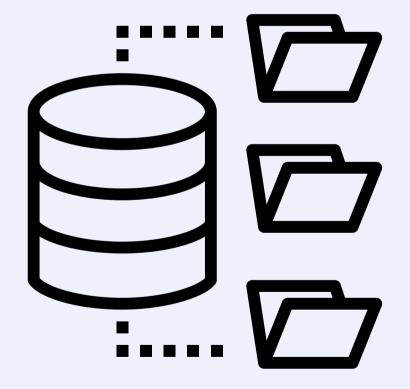


#### What Is Vector Database

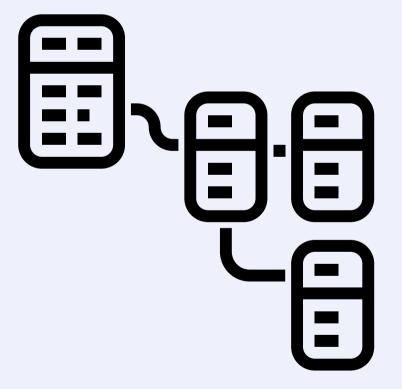
Stores data as high-dimensional vectors. Used for applications that require fast and accurate similarity search, such as image recognition, natural language processing, and recommendation systems





## Relational Database

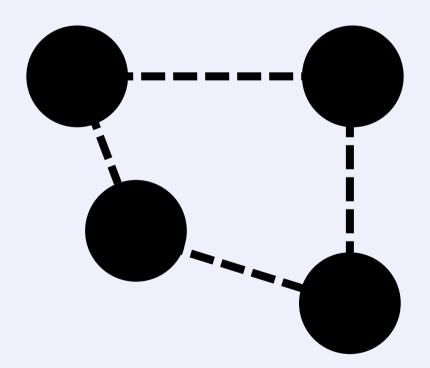
Stores data in tables. Well-suited for applications that require structured data, such as CRM and ERP





# **Graph Database**

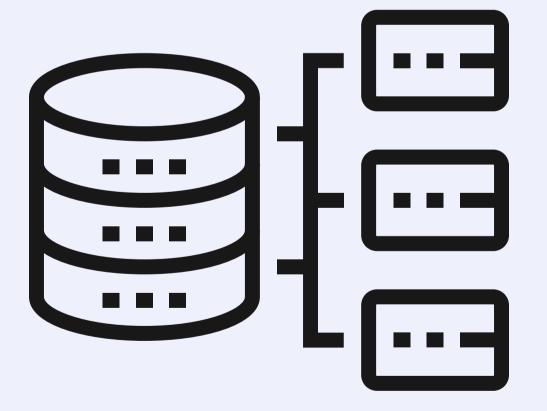
Stores data in a graph structure. Wellsuited for applications that require complex relationships between data, such as social networks and knowledge graphs





### **Document Database**

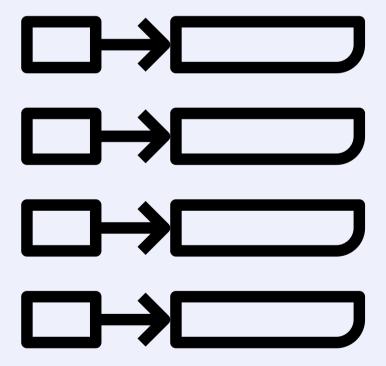
Stores data in documents. Well-suited for applications that require flexible data structures, such as content management systems (CMS) and e-commerce





## Key Value Store

Stores data in a simple key-value pairs. Well-suited for applications that require fast and simple data storage, such as caching and session management.





### **OLAP**

Online Analytical Processing is designed for complex data analysis.
Used for applications that require multidimensional data analysis such as business intelligence

