

Graph Database

- A graph database is a collection of nodes (or vertices) and edges (or relationships)
- A node represents an entity (for example, a person or an organization)
- an edge represents a relationship between the two nodes that it connects (for example, likes or friends)
- Both nodes and edges may have properties associated with them

Comparison Between Graph DB and Relational DB

- Relational database can do everything Graph database does
- graph database can make it easier to express certain kind of queries and provides better performance for these queries
- Use graph database for storing complex many-to-many relationships
- Graph database is great for analyzing complex interconnected data and relationships