

# neo4j

- [neo4j docker-compose](#)

## Neo4j Fundamentals

- [Nodes](#)
  - Represent the objects in the graph
  - Can be labeled
  - Entities and complex value types
- [Relations](#)
  - Relate nodes by type and direction
  - Connect entities and structure domain
- [Properties](#)
  - Name-value pairs that can go on nodes and relationships
  - Entity attributes, relationship qualities, metadata
- [Labels](#)
  - Group nodes by role

## Neo4j Secret Sauce

1. Pointers instead of Lookups
2. Fixed Sized Records
3. "Joins" on Creation
4. Spin Spin Spin through this data structure

## More ways to learn about Neo4j

### Docs

- [Similarity algorithms](#)
- [Cypher](#)
- [neomodel](#)
- [Recommendation Engine With Neo4j](#)
- [Graph Database](#)

### Ref

- <https://github.com/transhaphigsn/neo4jFastAPI>
- <https://www.youtube.com/watch?v=oRtVdXvtD3o>
- <https://neo4j.com/docs/graph-data-science/current/>
- <https://neo4j.com/developer>

- <https://neo4j.com/graphacademy>
  - <https://neo4j.com/docs/cypher-refcard/current/>
  - <https://github.com/neo4j-examples>
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## Plugin Backlinks:

From:

<https://jace.link/> - **Various Ways**

Permanent link:

<https://jace.link/open/neo4j>

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