

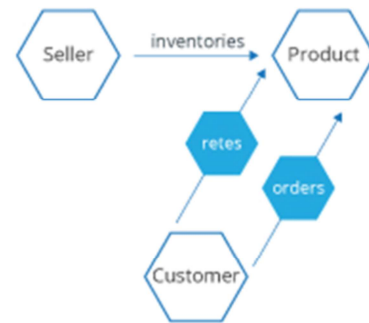


# Neo4J Data Modeling Hands-on

[www.cognixia.com](http://www.cognixia.com)

# Neo4J Data Modeling

- Start a Sandbox online:
  - <https://neo4j.com/sandbox/?ref=developer-start>
- Create a Blank Dataset
- Run:
  - `:play movie-graph`
- Delete all Data
  - `MATCH (n)`
  - `DETACH DELETE n`



www.cognixia.com

#Here emp is a node name  
#Employee is a label name for emp node  
`CREATE (emp:Employee)`

#Here dept is a node name  
#Dept is a label name for dept node  
`CREATE (dept:Dept)`

#Here dept is a node name  
#Dept is a label name for emp node  
`CREATE (dept:Dept { deptno:10,dname:"Accounting",location:"Hyderabad" })`

#Here emp is a node name  
#Employee is a label name for dept node  
`CREATE (emp:Employee{id:123,name:"Lokesh",sal:35000,deptno:10})`

## Built-in Guides

<u>Title</u>	<u>Description</u>	<u>Command</u>
Intro	A guided tour of Neo4j Browser	:play intro
Concepts	Graph database basics	:play concepts
Cypher	Neo4j's graph query language introduction	:play cypher
The Movie Graph	A mini graph model of connections between actors and movies	:play movie graph
The Northwind Database	A classic use case of RDBMS to graph with import instructions and queries	:play northwind graph

[www.cognixia.com](http://www.cognixia.com)

:play intro

:play concepts

:play cypher

:play movie graph

:play northwind graph

## Useful Commands

<u>Shortcut</u>	<u>Purpose</u>
:help	Help System
:help commands	Useful Commands
:clear	Clear Frames
:help keys	Keyboard Help

[www.cognixia.com](http://www.cognixia.com)

//Help System  
:help

//Useful Commands  
:help commands

//Clear Frames  
:clear

//Keyboard Help  
:help keys

## Other Guide Examples

- Game of Thrones Interactions
  - :play got
- UK company registration, property ownership, political donations
  - :play ukcompanies
- Football (Soccer) transfer data
  - :play football\_transfers

[www.cognixia.com](http://www.cognixia.com)

```
//Game of Thrones Interactions  
:play got
```

```
//UK company registration, property ownership, political donations  
:play ukcompanies
```

```
//Football (Soccer) transfer data  
:play football_transfers
```



**THANK YOU**

average 45%