neo4j

Going Meta

S2 - Episode 11

2 Years of KGs and GenAI. A Recap

Main themes

Foundations:
- Symbolic + Subsymbolic AI
- Basic RAG, RAG with KGs

Retrieval Patterns

LLMs as assistants for domain Modeling

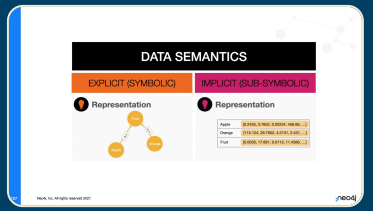
KG construction with ontos… and dynamic ontology selection

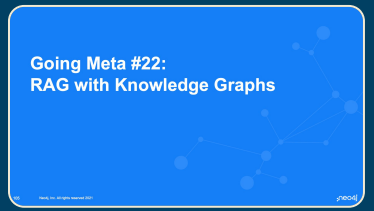
Oneoffs: Data.world benchmark

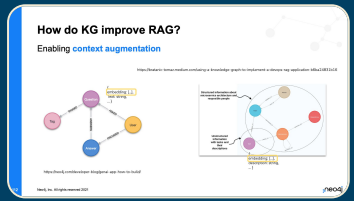
Foundations

Explicit and Implicit Semantics
S1-Ep21

Basic RAG and RAG with
Knowledge Graphs
S1-Ep22

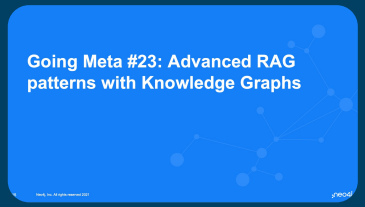


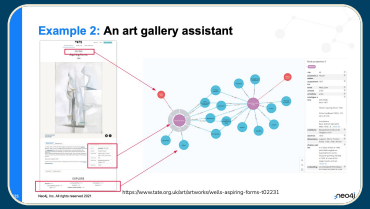




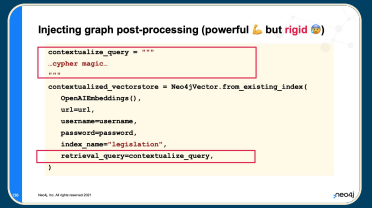
Retrieval Patterns

RAG with Vectors and traversals
S1-Ep23



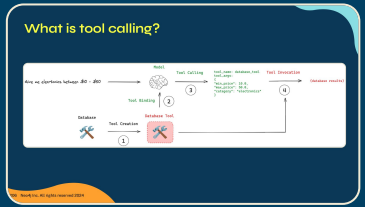


Adding ontologies to the mix
S1-Ep24



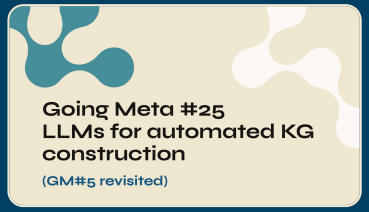
Comparing Retrieval Methods
S2-Ep6

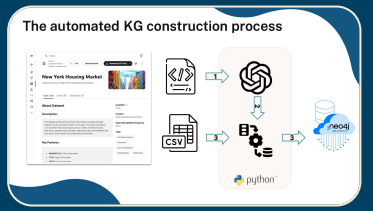
Function calling (tools)
S2-Ep7



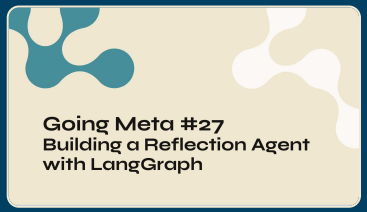
LLMs as assistants for domain Modeling (from structured data)

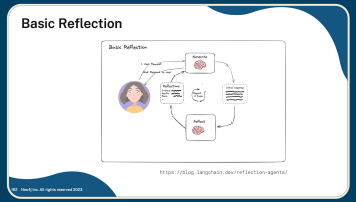
Learn a Graph Model from a denormalised dataset
S1-Ep25





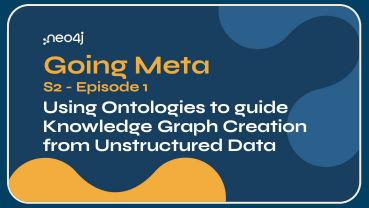
Call a critic, get feedback and iterate!
S1-Ep27

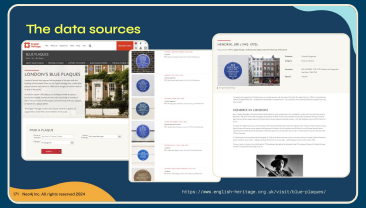




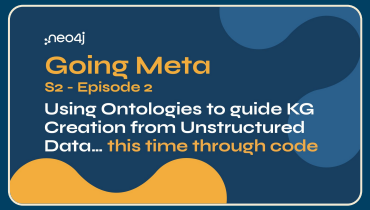
KG construction

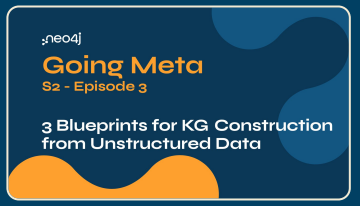
From unstructured data (no code)
S2-Ep1



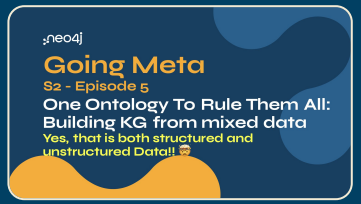


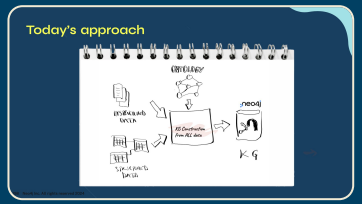
From unstructured data (programmatic)
S2-Ep2 & S2-Ep3





From structured data (no code)
S2-Ep5





From structured data (programmatic)
S1-Ep5 & S1-Ep27