

neo4j


# Going Meta

S2 - Episode 4

Ontology driven end-to-end  
GraphRAG

with the GraphRAG Python Package

# Context



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## GraphRAG for Python

This package contains the official Neo4j GraphRAG features for Python.

The purpose of this package is to provide a first party package to developers, commitment and maintenance as well as being fast to ship new features and


⚠️ This package is a renamed continuation of *neo4j-genai*. The package *neo4j-genai* is no longer maintained. We encourage all users to migrate to this new package to continue

Neo4j versions supported:

- Neo4j  $\geq 5.18.1$
- Neo4j Aura  $\geq 5.18.0$

Python versions supported:


- Python 3.12
- Python 3.11
- Python 3.10
- Python 3.9



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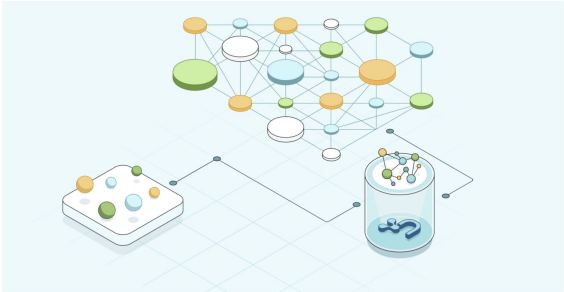
[\(Neo4j Blog\) -- \[BACK\]](#)

## GraphRAG Python Package: Accelerating GenAI With Knowledge Graphs

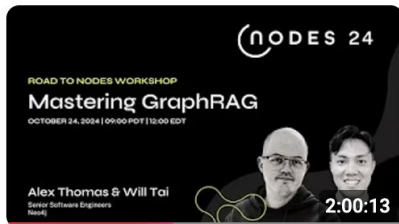


Zach Blumenfeld, Data Science Product Specialist, Neo4j

Oct 16 · 11 mins read



The [GraphRAG Python package](#) from Neo4j provides end-to-end workflows that take you from unstructured data to [knowledge graph](#) creation, knowledge graph retrieval, and full [GraphRAG](#) pipelines in one place. Whether you're using Python to build knowledge assistants, search APIs...



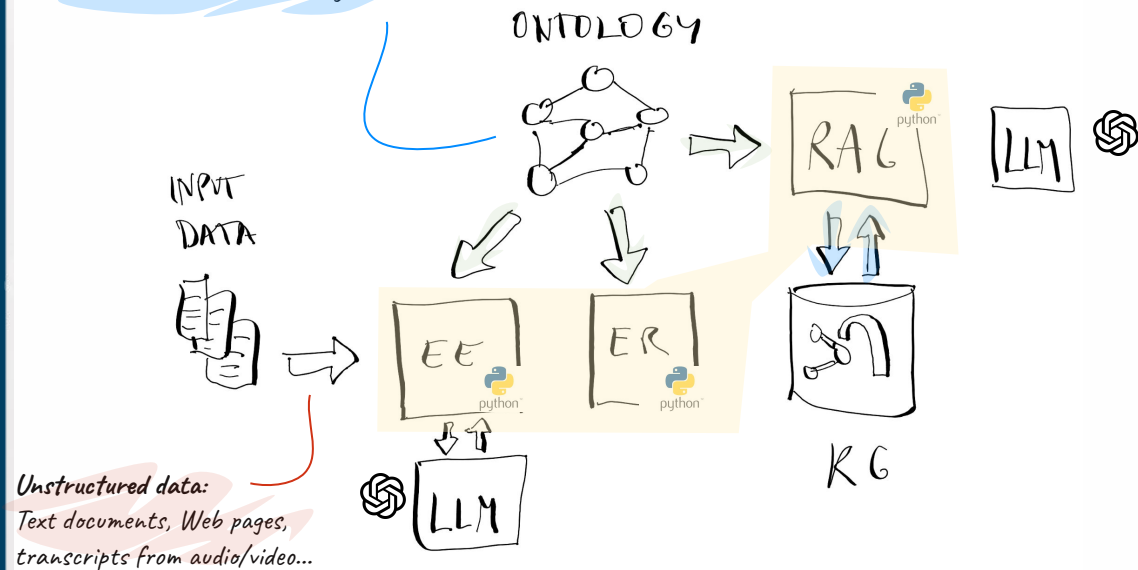
## Road to NODES: Mastering Retrieval-Augmented Generation with the GraphRAG Python Package

Neo4j • 1.9K views

In this workshop, we use the `neo4j-genai-python` open source package for Retrieval-Augmented Generation (RAG) applications. Learn to integrate Neo4j with generative AI models to enhance graph-powere...

# Today's approach

Formally defined domain description guiding  
the structured data extraction by the LLM



# The data sources

WHAT'S ON
ART
VISIT
SHOP
TATE
BECOME A MEMBER

hockney

All (614)
Artist (3)
Artworks (1234)
Exhibitions and Events (88)
Archive Items (43)
Audio (3)
In Depth (115)
Visit (1)

Showing 1–20 of 614 results for **hockney**

**My Parents**  
David Hockney  
1977

SORRY, NO IMAGE AVAILABLE

**The Marriage in Hawaii of David and Ann**  
David Hockney  
1983

TOUR | PAST EVENT

**Curator's Tour: David Hockney**  
Join a curator for a once-in-a-lifetime chance to see these unforgettable Hockney works together

EXHIBITION | PAST EVENT

**David Hockney**  
One of the most popular and influential British artists of the twentieth century returns to Tate Britain for his most ...

**Celia**  
David Hockney  
1973

View by appointment →

LOOK CLOSER

**David Hockney:: 80 years in 8 works**  
We explore the themes of Hockney's work and his various ways of working

TALKS | LECTURES | PAST EVENT

**Curator's Talk: David Hockney**  
Enjoy a behind-the-scenes take on the most extensive survey of Hockney's work to date

**An Image of Gregory**  
David Hockney  
1984-5

ARTWORK INFORMATION

**Mr and Mrs Clark and Percy**  
1970–1, [David Hockney](#)

DETAILS

COLLECTION TEXT

This is one of a series of large double portraits which Hockney began in 1968. He had painted imaginary couples in such earlier paintings as *The First Marriage (A Marriage of Styles)* 1963 (Tate T00596). In the later paintings, the subjects are real couples who were Hockney's friends. They are portrayed in their home environment in a style which is both realistic and highly simplified. Hockney worked from photographs and life observation, making drawings to resolve composition. Usually one character looks at the other, who looks out of the painting at the viewer, thus creating a cyclical movement of looking. *Mr and Mrs Clark and Percy* is unusual in that both subjects, Mr and Mrs Clark, look out at the artist and viewer from either side of a large open window which is in the centre of the painting. The viewer, who looks at the painting from a central perspective, will be at the apex of the couple's gaze out of the painting, a third in the relationship. Percy is the name of one of the Clarks' cats and refers to the cat sitting statue-like on Mr Clark's knee, looking out of the window. 'Mr and Mrs Clark' are the dress designer Ossie Clark and the fabric designer

© David Hockney

ARTWORK INFORMATION

**An Image of Celia**  
1984–6, [David Hockney](#)

DETAILS

COLLECTION TEXT

This is one of numerous portraits of Celia Birtwell with which Hockney has celebrated his close friendship with the designer over the years. Celia first met Hockney in Los Angeles in 1964. She is most famously represented in Hockney's large double portrait *Mr and Mrs Clark and Percy*, 1970–1 (Tate Gallery T01269). With her husband Ossie Clark she was at the top of the fashion industry in London in the 'Swinging Sixties'. Clark designed clothes using Birtwell's textile designs, and sold them from the shop Quorum in Chelsea's King's Road.

Made at a time when Hockney was experimenting with composite photographs, this complex, forty-two colour lithograph contains multiple representations of the sitter in an armchair and uses the strong primary colours which are typical of the artist's work of this period. For one of the two representations of Celia's face Hockney uses an image taken from his portrait of Celia made for the cover of the December 1985 - January 1986

© David Hockney

# Let's try it out!