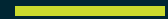


STARDOG

Demo Day

Knowledge Graphs Made Easy with Stardog Cloud:
A Step-by-Step Guide



Henrique Soares, Senior Product Manager at Stardog

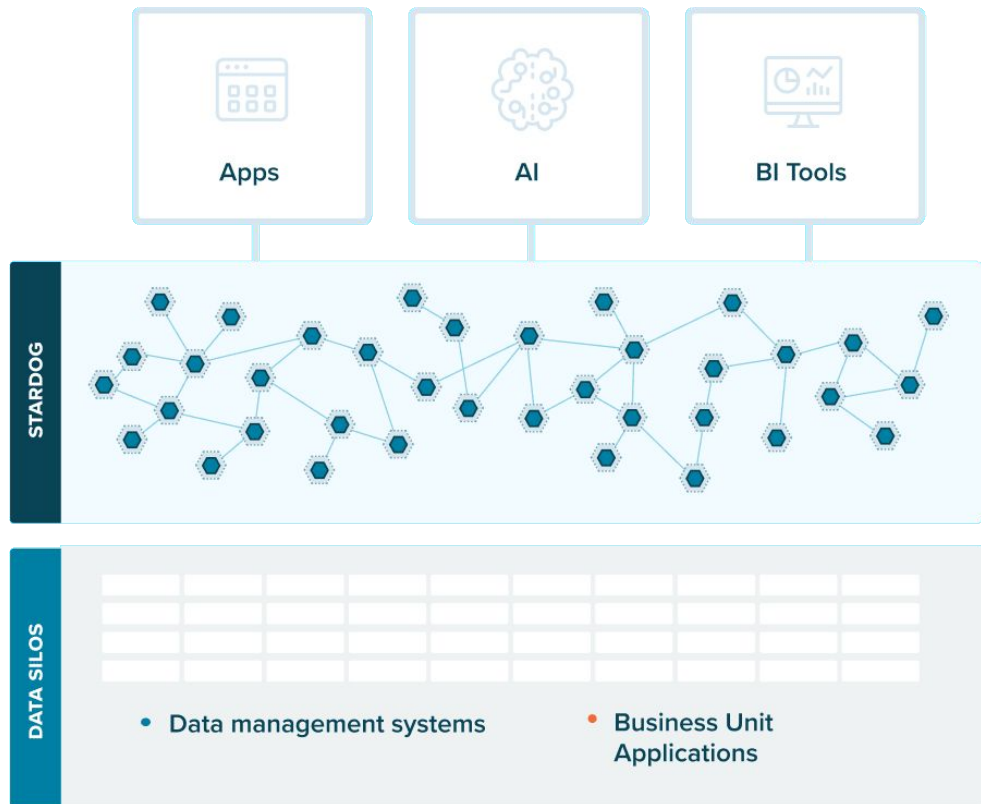
What we'll cover today:

- Introduction to knowledge graphs and Stardog Cloud
- [Demo] How to create a knowledge graph in four no-code steps
- [Demo] How to visually browse and query your knowledge graph
- Extra resources to make the most of Stardog Cloud
- Q+A

Introduction to Knowledge Graphs

A knowledge graph is a **flexible, semantic data layer** that unifies and provides meaning to your data silos, **with models that evolve as your data evolves.**

That's how it enables you to **answer complex queries and uncover hidden patterns better and faster.**



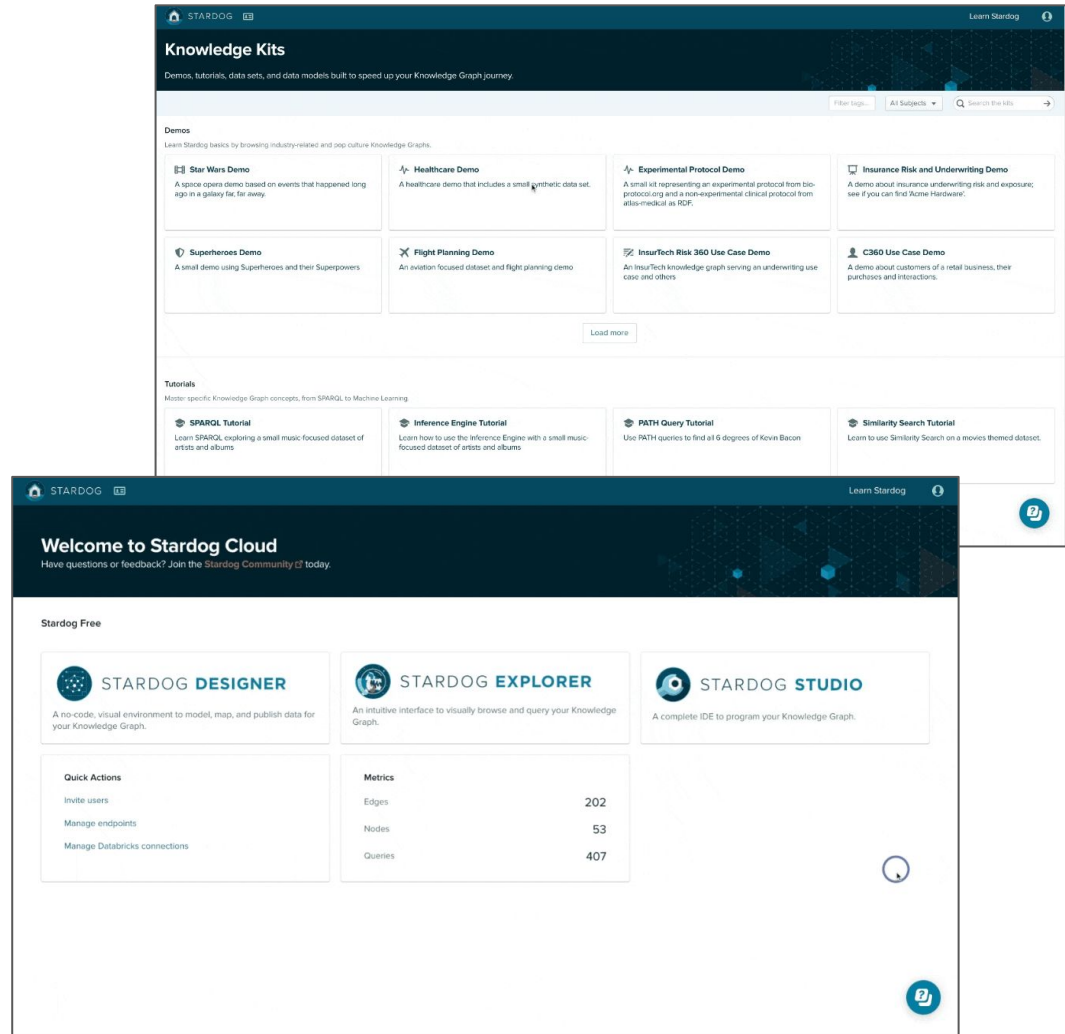
Introduction to Stardog Cloud

A complete Enterprise Knowledge Graph **platform provided as a managed service**, which offers:

> Access to all **Stardog apps**: Designer, Explorer, and Studio;

> **Demos and tutorials** Knowledge Kits to help you at all levels of expertise;

> **Learning resources** such as a dedicated Stardog **Community**, **checklists**, **guides**, and more.





Demo Time

Use Case

Customer360

Business challenge:

Connecting data silos

Exercise:

What is the state of the customer who bought product 43?



Locations
Database 1



Purchases
Database 2

Use Case

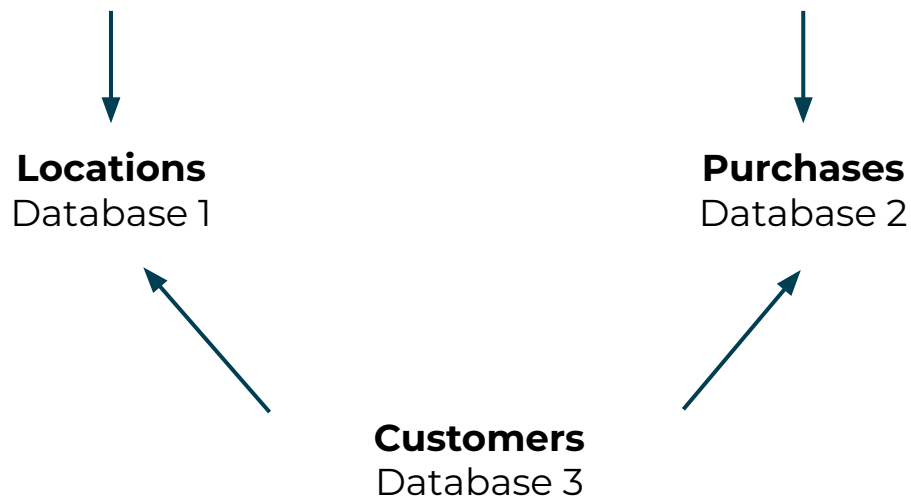
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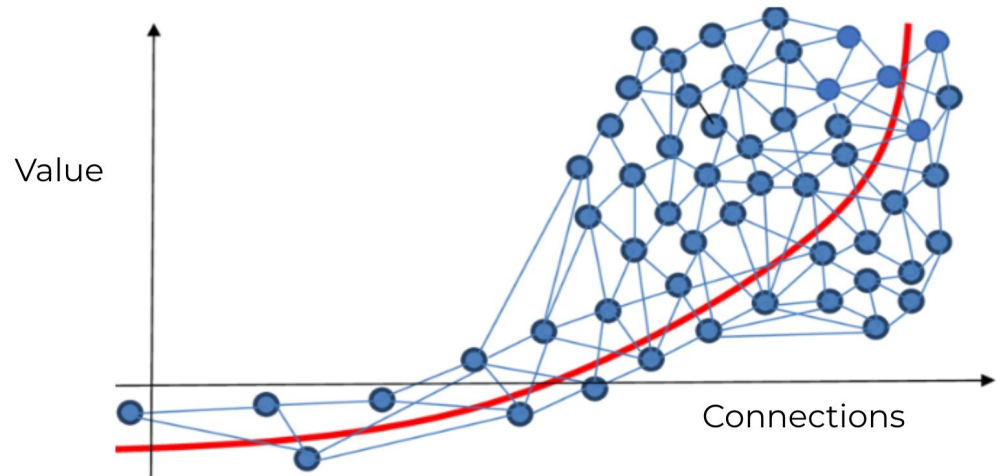


This is just the beginning

Even though the benefits of this exercise are great, this is just a **basic example of a possible use case.**

The **more data sources and classes you have, the greater improvements** you'll notice in your productivity.

And Stardog Cloud will always help you **get even more value** from your knowledge graphs!



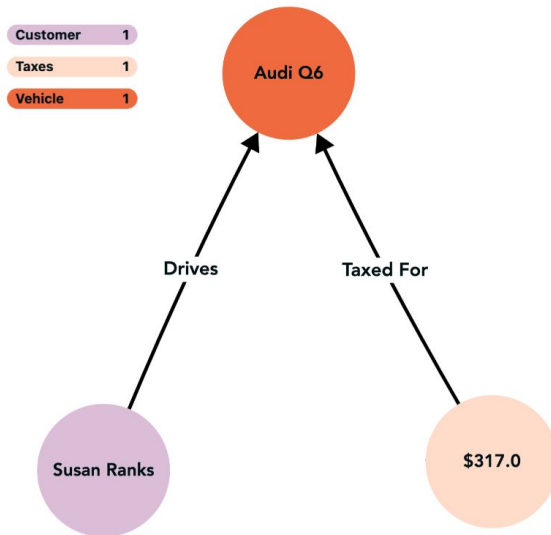
Extra resources

#1

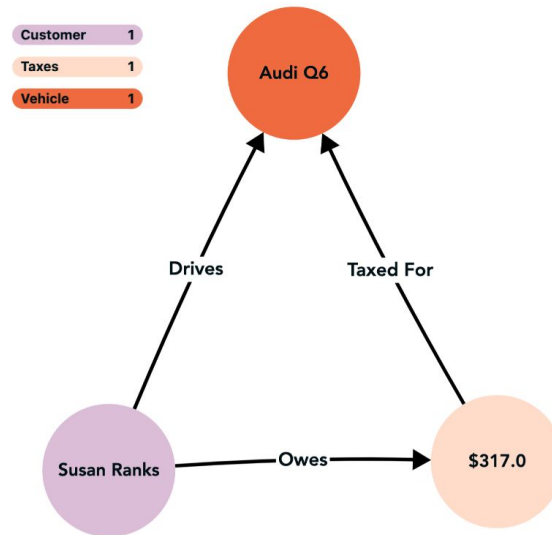
Inference rules

Designer makes it easy for you to add inference rules to your knowledge graph.

Reasoning off:



Reasoning on:

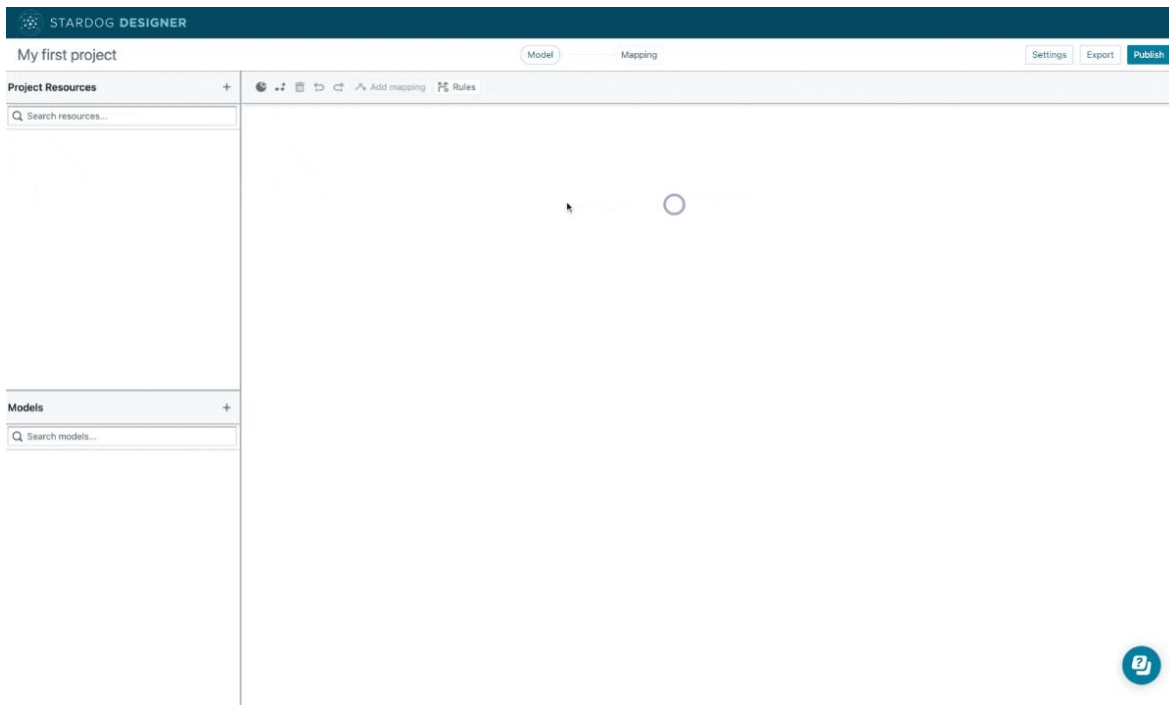


Extra resources

#2

Virtual Graphs

With Virtual Graphs, you can access databases from Databricks, MySQL, PostgreSQL, Snowflake, and others even without copying that data into Stardog Cloud.

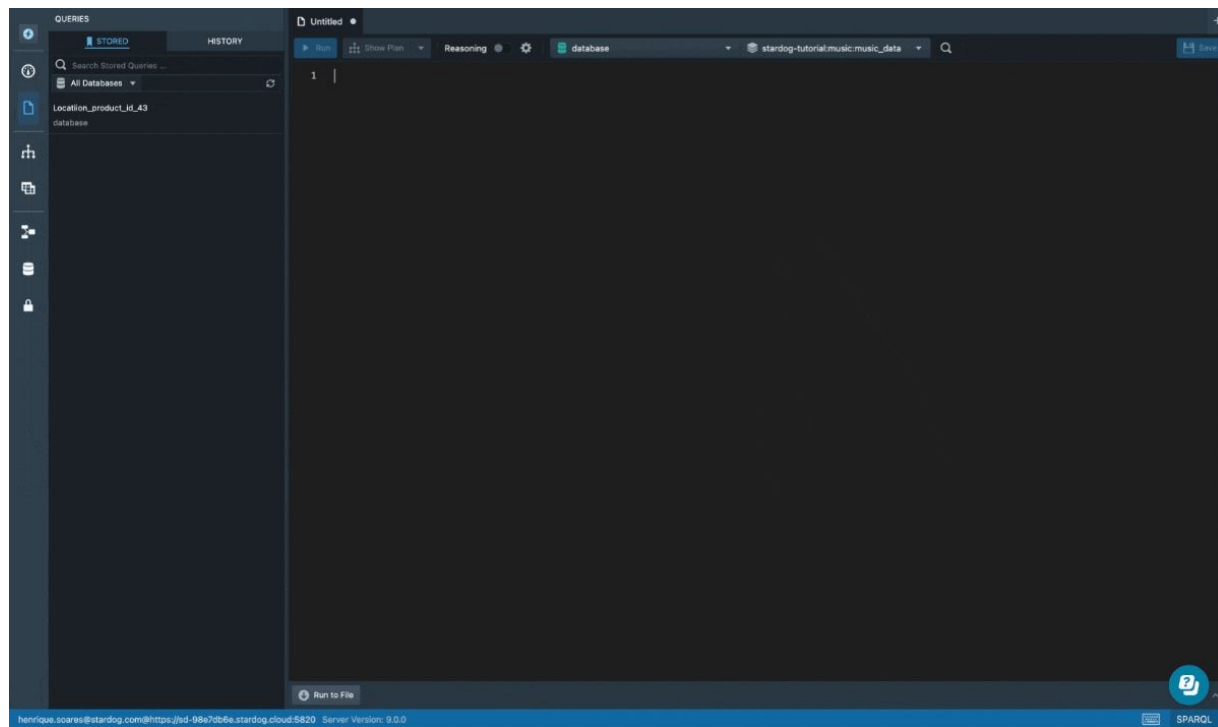


Extra resources

#3

Stardog Studio

A complete IDE (Integrated Development Environment) created for data engineers to program knowledge graph, with support for SPARQL and GraphQL queries.



Extra resources

#4

Voicebox (preview)

LLM-powered assistant that will revolutionize the accessibility of knowledge graphs forever (later this year).

Project Resources



Voicebox



Add mapping

Rules

Models





Q&A

NEXT:

Get into the product: www.stardog.com/get-started