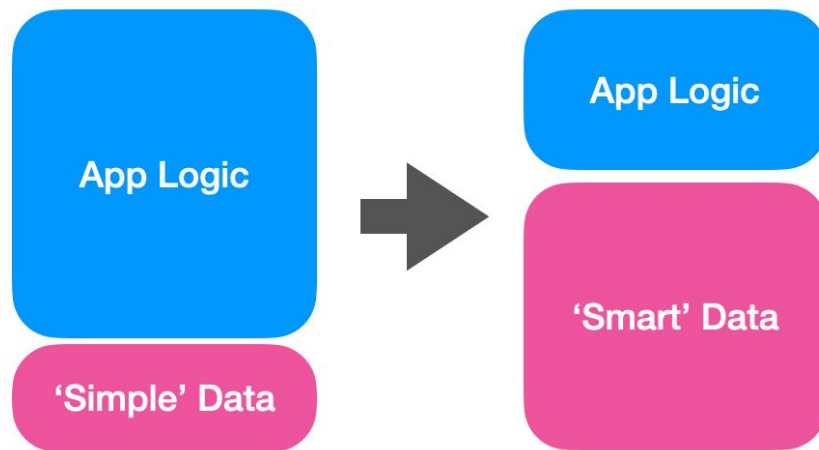
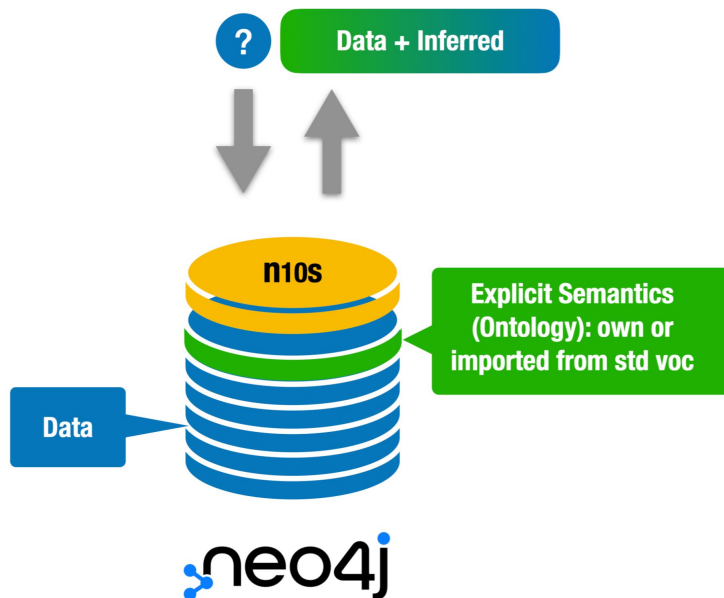


Going Meta #15: Building a Semantic Data App with Streamlit

A “semantic layer” What? 🤔



Today's example



Streamlit

Actor

person who acts in a dramatic or comic production and works in film, television, theatre, or radio

Properties:

born (integer): the year of birth of a person

name (string): the first and last name of a person

Relationships:

ACTED_IN (connects Actor to Movie): describes a person's involvement in a movie as an actor

PLACE_OF_BIRTH (connects Actor to Place): connects a person to the birth location of that person

Semantic Explorer

In this DB you will find nodes of the following types

☐ Movie ☒ Actor ☐ PerformingArtist ☐ Artist ☐ Person ☐ Director ☐ VisualArtist ☐ Producer ☐ Critic ☐ ScreenWriter ☐ Writer ☐ Place

Instances of Actor:

	id	born	name	ACTED_IN	PLACE_OF_BIRTH
0	1	1,964	Keanu Reeves	7 Movie	1 Place
1	2	1,967	Carrie-Anne Moss	3 Movie	0 Place
2	3	1,961	Laurence Fishburne	3 Movie	1 Place
3	4	1,960	Hugo Weaving	5 Movie	0 Place
4	8	1,978	Emil Eifrem	1 Movie	0 Place
5	12	1,975	Charlize Theron	2 Movie	1 Place
6	13	1,940	Al Pacino	1 Movie	1 Place
7	16	1,962	Tom Cruise	3 Movie	1 Place
8	17	1,937	Jack Nicholson	5 Movie	1 Place
9	18	1,962	Demi Moore	1 Movie	1 Place