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Many facets of AI hallucinations: factual errors, deep fakes, and creativity



Josef Machytka

23 hours ago



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In the autumn 2024 I made internal NetApp talk about AI hallucinations. AI hallucinations became a hot topic. But they are not intentional errors or bugs in the system. They result from the model's attempt to predict the next word or sentence in a sequence. This talk offers deeper dive into this topic.

Here I offer you recording of this talk. This article is part of series of my articles on medium about AI and LLM.

Many Facets of AI Hallucinations: Factual Errors, Deep Fakes and Creativi...



Slides can be found on my GitHub.



Image created by the author using DeepDreamGenerator

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Large Language Models



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Written by Josef Machytka

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I work as PostgreSQL specialist & database reliability engineer at credativ GmbH.

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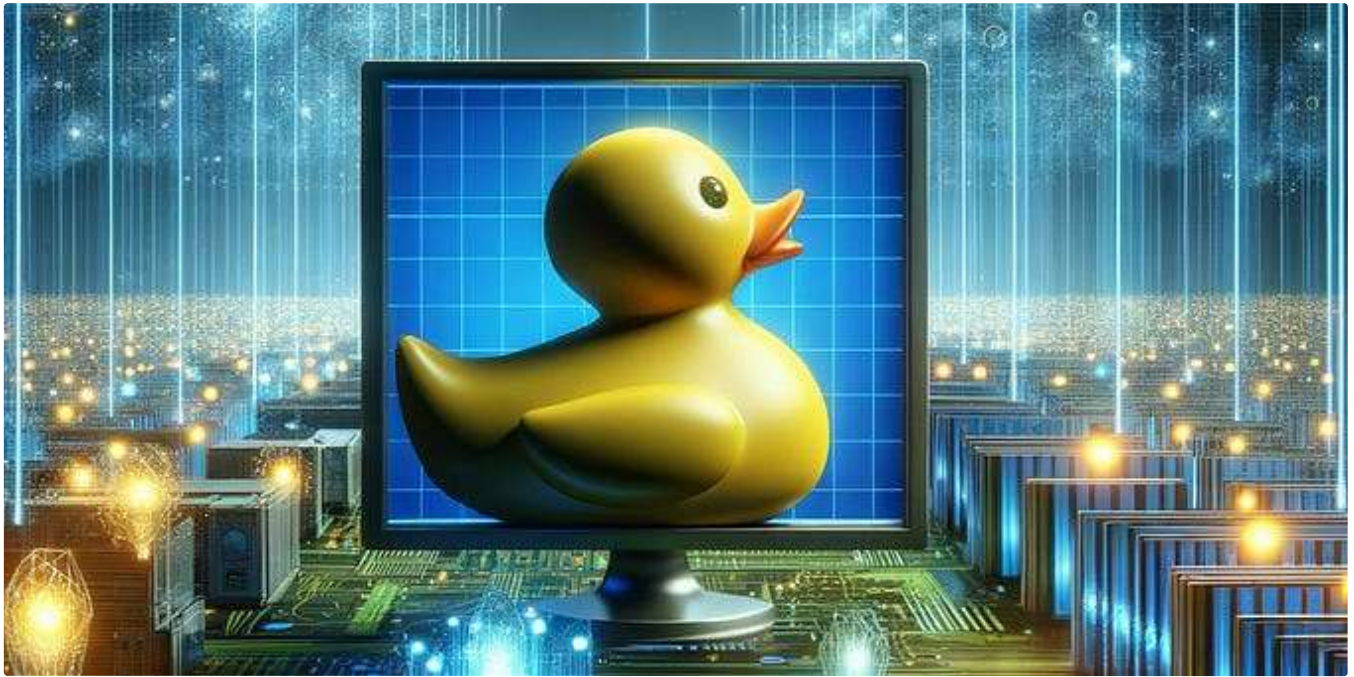


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DuckDB Database File as a New Standard for Sharing Data?

This is not my original idea; I came across it in an excellent article titled “DuckDB Beyond the Hype” by Alireza Sadeghi. However, it...

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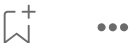
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Throughout 2024, I worked on an internal project exploring the use of JSONB data in PostgreSQL and its various indexing options. During...

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Bob	2100.0	600.0				
Charlie	2300.0	1500.0	1100.0			

D pivot pg.sales on (product,year) using sum(sales_amount) group by salesperson order by salesperson;

salesperson varchar	(Laptop, 2022) double	(Laptop, 2023) double	(Phone, 2022) double	(Phone, 2023) double	(Tablet, 2022) double	(Tablet, 2023) double
Alice	1200.0	1400.0	800.0	900.0	300.0	400.0
Bob	1000.0	1100.0	600.0			
Charlie	1100.0	1200.0	700.0	800.0	500.0	600.0

D pivot pg.sales on (year,product) using sum(sales_amount) group by salesperson order by salesperson;

salesperson varchar	(2022, Laptop) double	(2022, Phone) double	(2022, Tablet) double	(2023, Laptop) double	(2023, Phone) double	(2023, Tablet) double
Alice	1200.0	800.0	300.0	1400.0	900.0	400.0
Bob	1000.0	600.0		1100.0		
Charlie	1100.0	700.0	500.0	1200.0	800.0	600.0

D pivot pg.sales on (year) using sum(sales_amount) group by salesperson order by salesperson;

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Easy and Intelligent Pivot Tables with DuckDB

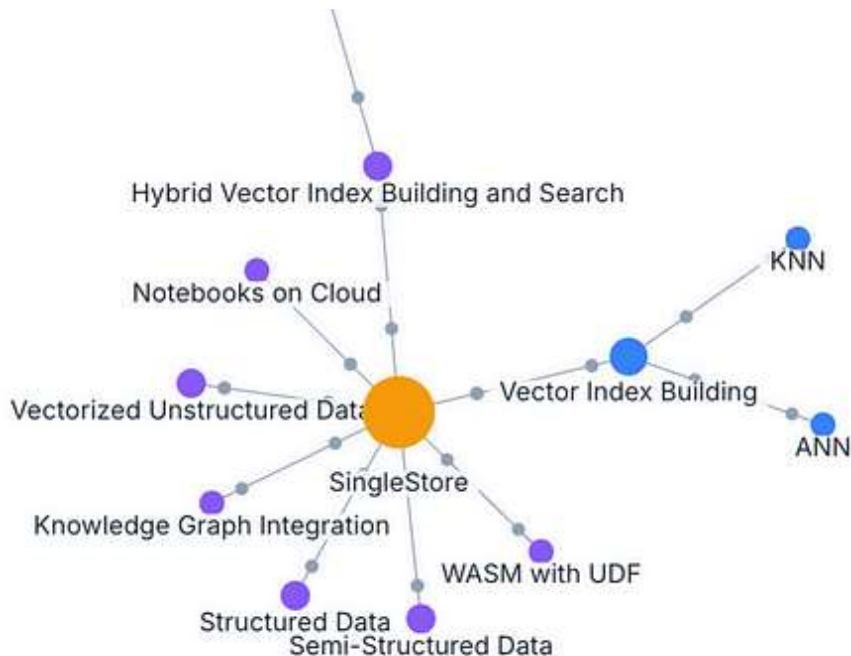
After exploring the various capabilities of DuckDB in my earlier articles, I want to focus more on its powerful data analytical...

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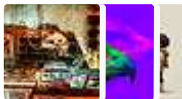
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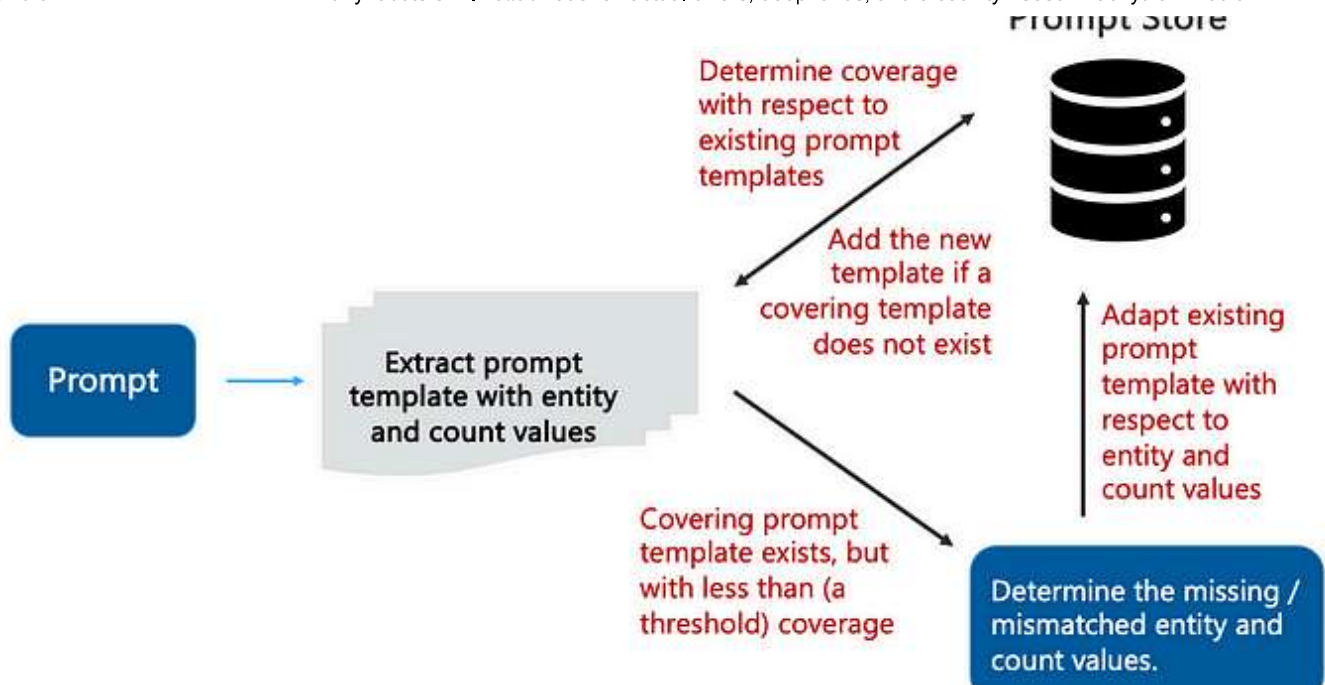


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