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Beyond the Buzzwords: A Pragmatic Explanation of LLM Terminology

👤 **Josef Machytka**
1 day ago

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In the autumn 2024 I made internal NetApp talk about terminology surrounding AI and LLMs. Aim of this talk was to demystify this jargon. Talk translated AI buzzwords into practical insights and pragmatically explained scientific mechanisms powering these concepts. The goal was to provide the clarity and practical knowledge for effective usage of these tools. Here I offer you recording of this talk. This article is part of series of my articles on medium about AI and LLM.

Beyond the Buzzwords: A pragmatic explanation of LLM terminology

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Slides are available on academia.edu or on my Github.

Image created by the author using DeepDreamGenerator

AI   Llm   Artificial Intelligence   Large Language Models   Neural Networks

Written by Josef Machytka

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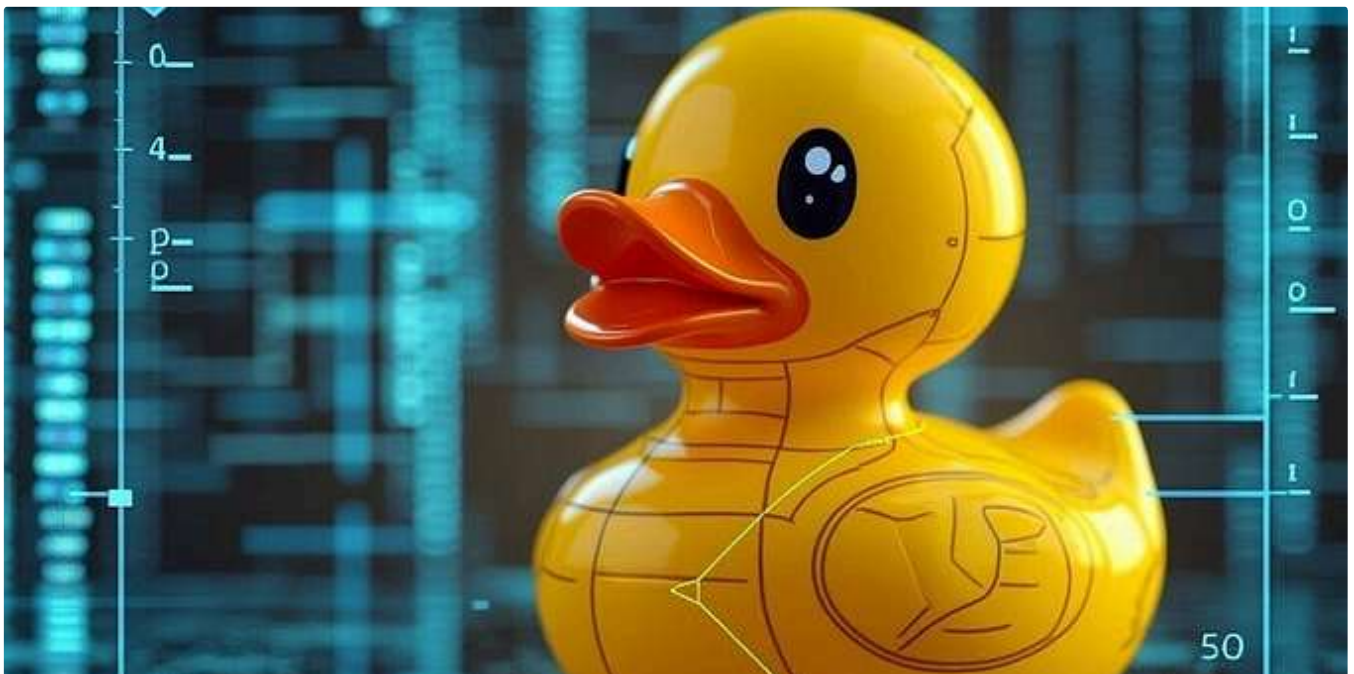I work as PostgreSQL specialist & database reliability engineer at credativ GmbH.

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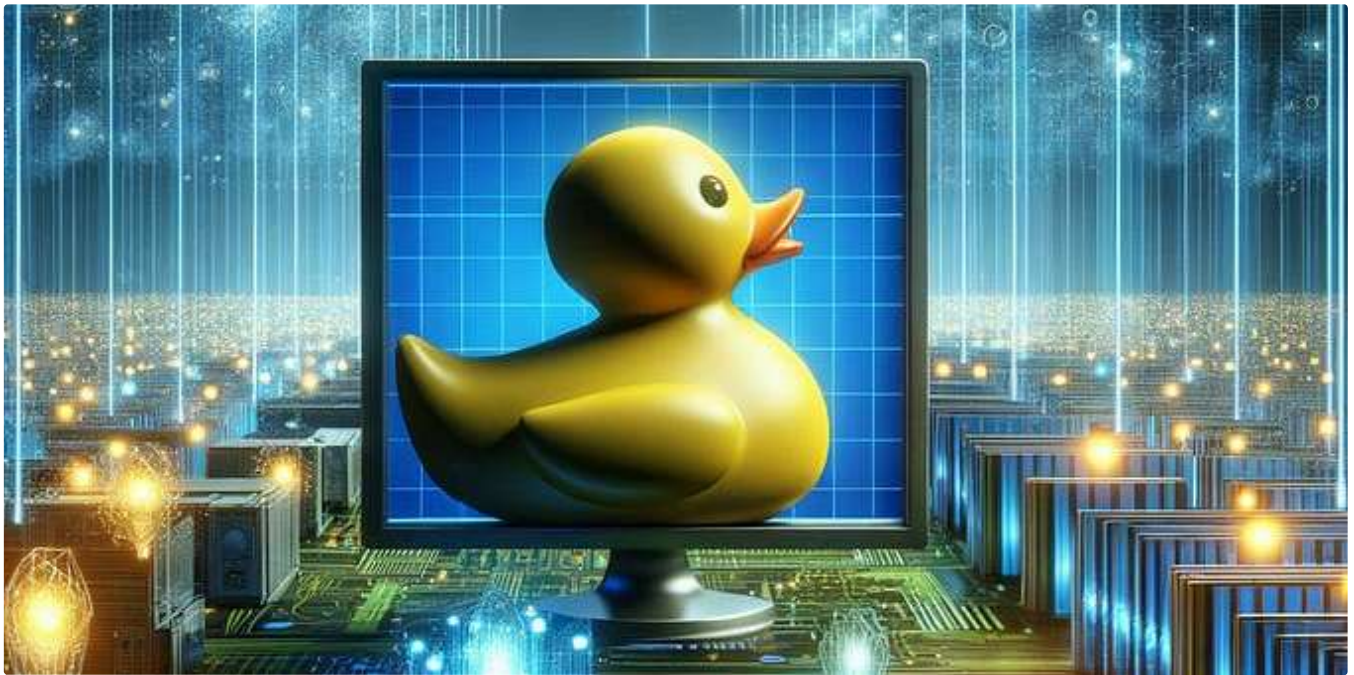
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```
Bob       2100.0   600.0
Charlie   2300.0  1500.0   1100.0
```

```
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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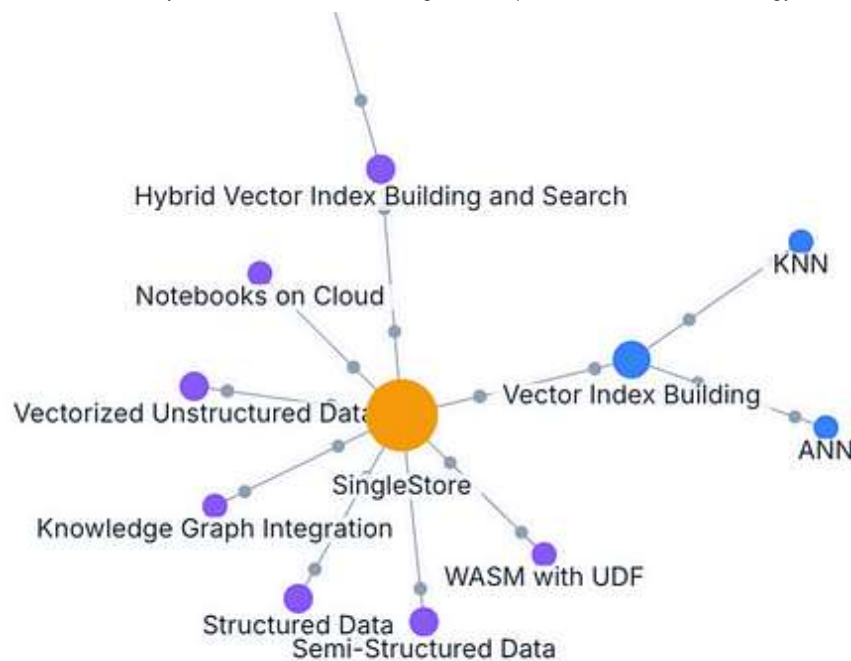## Easy and Intelligent Pivot Tables with DuckDB

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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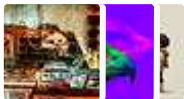**Natural Language Processing**
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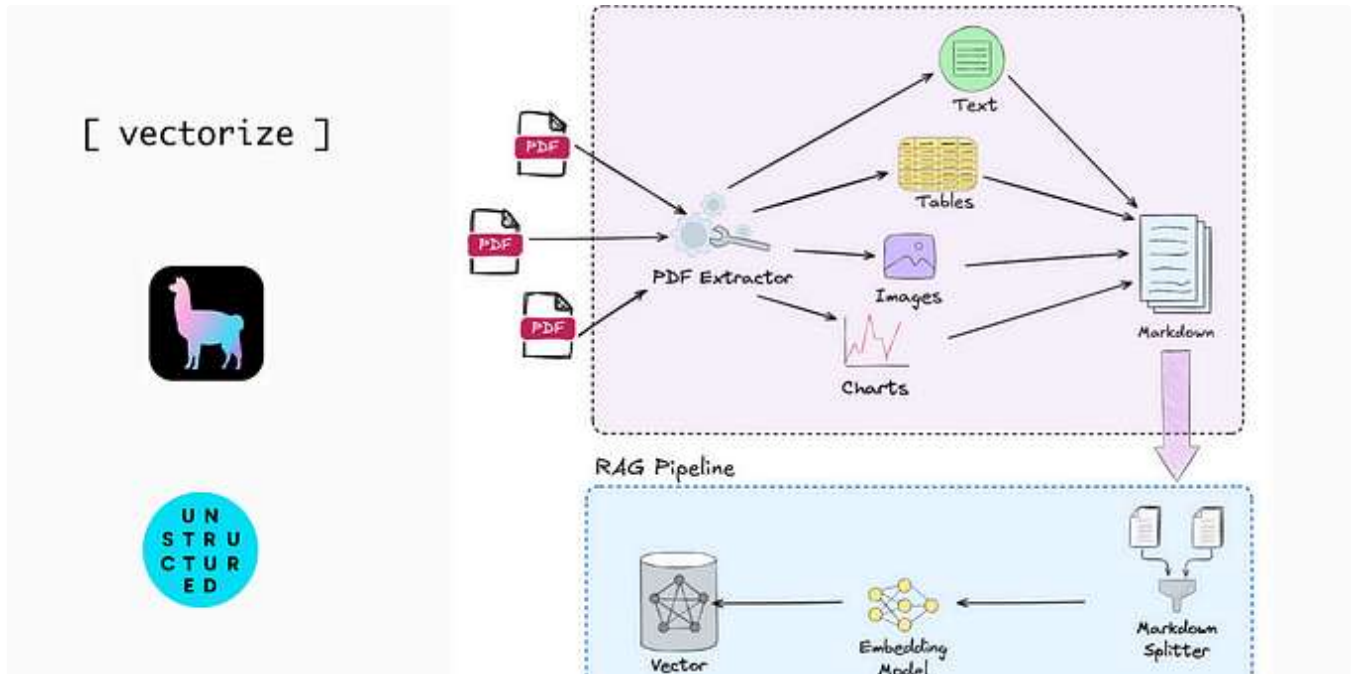
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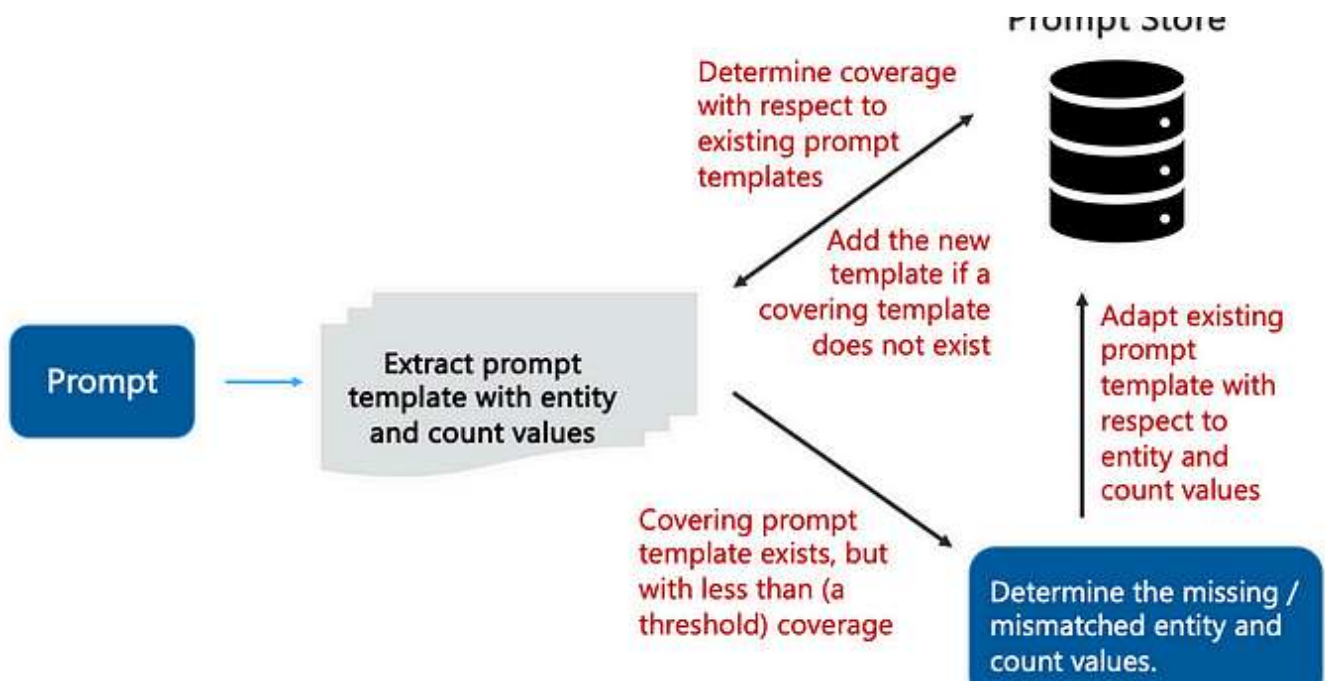
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