



Einsatz von Generative AI in Planungstools



Jedox is the **#1**
global planning
software providing
business value



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Human Assistant



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11 years with Jedox
Responsible for Platform Customer
Interaction, AI & Innovation



KI in der Unternehmensplanung

Was macht KI im Alltag?

Was können wir damit machen?

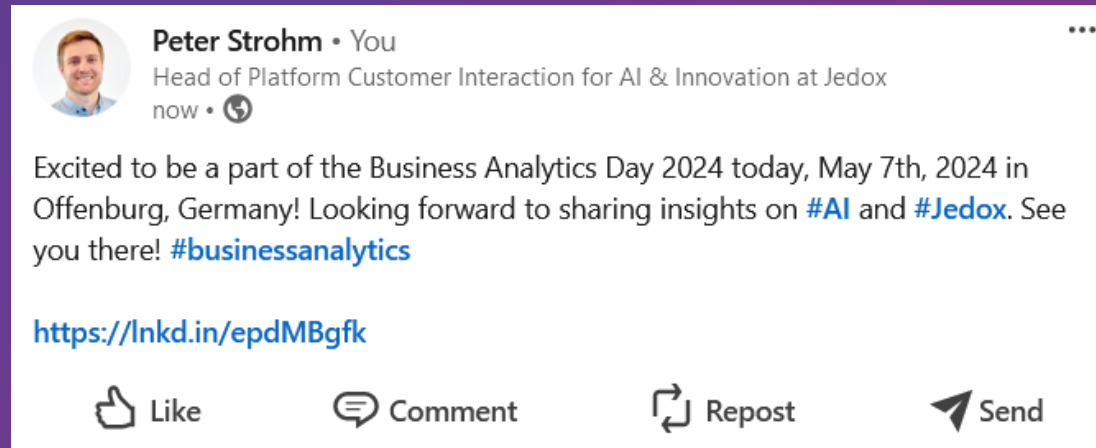
Wo liegen die Schwierigkeiten?

Was für Potential hat sie?



Generative AI

AI im Alltag



Erstellen von Texten

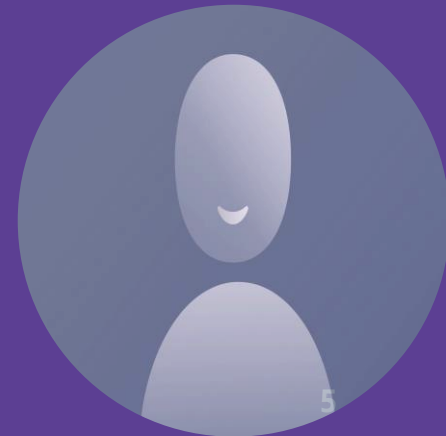


Übersetzen und Erweitern von Texten

Artificial Intelligence, Machine Learning, Deep Learning, and Generative AI are some of the terms that are often used in the context of data science.

Artificial Intelligence (AI) is the broad field of study that aims to create machines or systems that can perform tasks that normally require human intelligence, such as reasoning, learning, decision making, natural language processing, computer vision, etc.

- **Machine Learning (un-/supervised learning)**
- **Deep Learning (Neural Networks)**
- **Generative AI (LLMs, ChatGPT & Co.)**



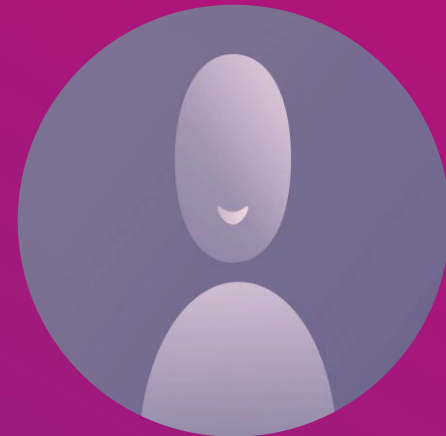
KI in Corporate Planning

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Was können wir mit KI in der Unternehmensplanung erreichen?

Datenanalyse, Insights und Forecast

Time Series Forecast | Driver-Based Forecast | Classification | Clustering
Beispiele: Budget Forecast | Churn Analysis | Demand Planning

Automatisierung von Reporting durch Generative AI

Chatbots | Translations | Generate Language/Information | Dialogues
Beispiele: Generate Reports & Dashboards | Summarize Tables in
Natural Language | Create Multilingual Reports | Decision Making

Vision: KI als Digital Business Partner

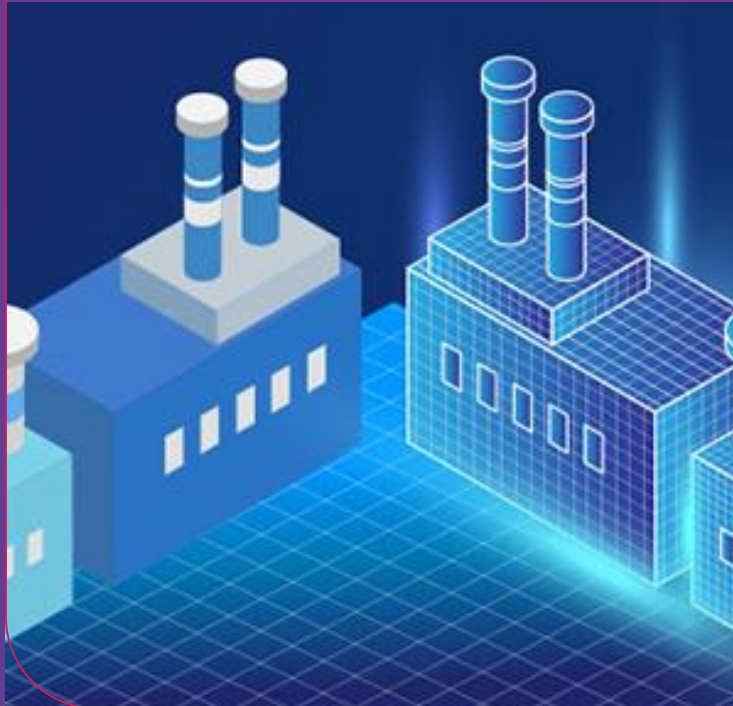
Hyper Automation

Als Teil der Unternehmensplanung werden alle IBP-Prozesse in höchstem Maße automatisiert.



Digitaler Zwilling

NLP-unterstütztes virtuelles Abbild des Business Models von Unternehmen.



Kollaboration

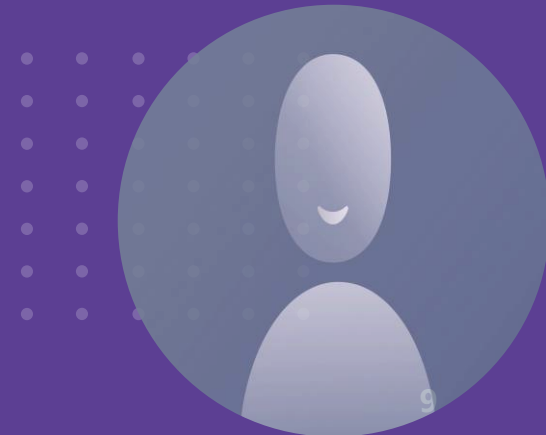
NLP und Generative AI verbessern die Zusammenarbeit zwischen Business-Anwendern und IBP-Lösungen.



Was machen wir mit Generative AI?

- **Prompt Engineering**
- **Embeddings**
- **Fine tuning**

- **Integriertes AI Reporting**



Wie funktioniert das "in reality"?



Bing Chat Enterprise

AI-powered copilot for the web

Bing is powered by AI, so surprises and mistakes are possible. Please share feedback so we can improve! [Terms](#) [Privacy](#)

Ads are not targeted based on your workplace identity or chat history. [Learn more](#).

Choose a conversation style

More Creative

More Balanced

More Precise

Analyze

Create a SWOT analysis about environmental goals and impact

Write

Help me prepare and write a successful sales pitch

Compare

Compare online and offline marketing strategies

Business Travel

What's a good place to stay for my upcoming business trip to New York?

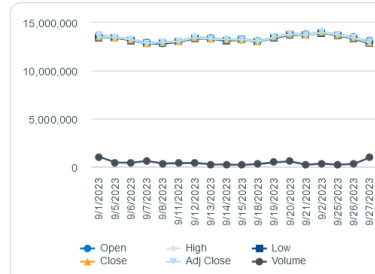
Ask me anything...

0/4000

VW Stocks										
	A	B	C	D	E	F	G	H	I	
1	Date	Open	High	Low	Close	Adj Close	Volume			
2	9/1/2023	13770000	13810000	13450000	13480000	13485000	1020700			
3	9/5/2023	13480000	13499000	13410000	13470000					
4	9/6/2023	13250000	13310000	13178000	13240000	13240000	408500			
5	9/7/2023	12940000	12970000	12810000	12850000	12850000	594900			
6	9/8/2023	12830000	12980000	12830000	12970000	12970000	329400			
7	9/11/2023	13080000	13110000	13000000	13060000	13060000	362200			
8	9/12/2023	13400000	13580000	13350000	13440000	13440000	408800			
9	9/13/2023	13383000	13440000	13310000	13330000	13330000	298800			
10	9/14/2023	13200000	13300000	13140000	13260000					
11	9/15/2023	13270000	13300000	13190000	13240000					
12	9/18/2023	13110000	13110000	13010000	13045000					
13	9/19/2023	13430000	13500000	13410000	13490000					
14	9/20/2023	13730000	13950000	13700000	13785000					
15	9/21/2023	13820000	13860000	13700000	13700000					
16	9/22/2023	13950000	14090000	13950000	13985000					
17	9/25/2023	13730000	13770000	13654000	13730000	13730000	286200			
18	9/26/2023	13490000	13550000	13330000	13400000					
19	9/27/2023	13110000	13110000	12810000	12915000					
Candlestick Chart of VW AG Stock Price from September 1 to September 27, 2023										
From Sep 1, 2023 To Sep 27, 2023										
Summary										
Forecast										

Stock Data				
	Open	High	Low	Close
9/1/2023	13770000	13810000	13450000	13485000
9/5/2023	13480000	13499000	13410000	13470000
9/6/2023	13250000	13310000	13178000	13240000
9/7/2023	12940000	12970000	12810000	12850000
9/8/2023	12830000	12980000	12830000	12970000
9/11/2023	13080000	13110000	13000000	13060000
9/12/2023	13400000	13580000	13350000	13440000
9/13/2023	13383000	13440000	13310000	13330000
9/14/2023	13200000	13300000	13140000	13260000
9/15/2023	13270000	13300000	13190000	13240000
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9/19/2023	13430000	13500000	13410000	13490000
9/20/2023	13730000	13950000	13700000	13785000
9/21/2023	13820000	13860000	13700000	13700000
9/22/2023	13950000	14090000	13950000	13985000
9/25/2023	13730000	13770000	13654000	13730000
9/26/2023	13490000	13550000	13330000	13400000
9/27/2023	13110000	13110000	12810000	12915000

Candlestick Chart of VW AG Stock Price from September 1 to September 27, 2023



Summary

- The stock data shows the daily open, high, low, close, adjusted close, and volume of a company from September 1 to September 27, 2023.
- The company's stock price has been fluctuating in a range of 13.45 to 14.09, with an average of 13.41.
- The company's stock volume has been relatively low, with an average of 376,600 shares traded per day.
- The company's stock price has experienced a downward trend in the second half of September, dropping from 13.985 on September 22 to 12.915 on September 27, a decline of 7.65%.
- The company's stock price has also fallen below its 50-day moving average of 13.51 on September 27, indicating a bearish signal.

Forecast

Assumption: The company's stock price will continue to face downward pressure in the short term, unless there is some positive news or catalyst that can reverse the trend. The company's stock price may find some support at the 12.8 level, which was the low on September 7 and September 27. However, if the stock price breaks below this level, it may trigger further selling and test the next support at 12.5.

Wie funktioniert das "in reality"?

jedoxAI

Data Source

AlssistedWizardDemoData

Sales Planning

Show Actual for Legal Entity 11 in Germany for 2023

Here are the actual figures for Legal Entity 11 in Germany for 2023.

Helpful?  

Ask me a question 



VIEWS > BusinessAnalyticsDay2024

Pivot

Version: Actual Legal Entity: 11 Currency: LC Customer: All Customers Sales Planning_measure: Gross Revenue

	— 2023	2023-01	2023-02	2023-03	2023-04	2023-05	2023-06	2023-07	2023-08	2023-09	2023-10	2023-11	2023-12
▼ All Articles	37,290,550	2,419,040	2,575,066	2,887,301	2,931,383	3,023,023	3,206,120	2,492,316	2,720,245	3,881,750	3,217,984	3,318,978	4,617,345
▼ Bikes	36,638,904	2,376,768	2,530,067	2,836,845	2,880,157	2,970,196	3,150,094	2,448,763	2,672,709	3,813,917	3,161,750	3,260,979	4,536,658
▶ Mountain Bikes	823,607	53,427	56,873	63,770	64,743	66,767	70,811	55,046	60,080	85,733	71,073	73,304	101,980
▶ Road Bikes	35,815,296	2,323,340	2,473,194	2,773,076	2,815,414	2,903,429	3,079,282	2,393,717	2,612,629	3,728,184	3,090,677	3,187,676	4,434,678
▶ Touring Bikes	0	0	0	0	0	0	0	0	0	0	0	0	0
▶ Components	651,646	42,272	44,999	50,455	51,225	52,827	56,026	43,553	47,536	67,833	56,234	57,999	80,687
▶ Clothing	0	0	0	0	0	0	0	0	0	0	0	0	0
▶ Accessories	0	0	0	0	0	0	0	0	0	0	0	0	0

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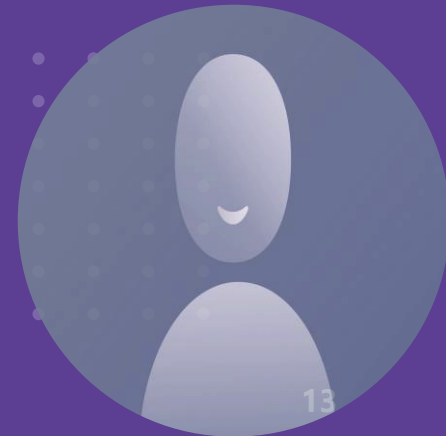
Was für Potential hat sie?



Wo gehen meine Daten hin?

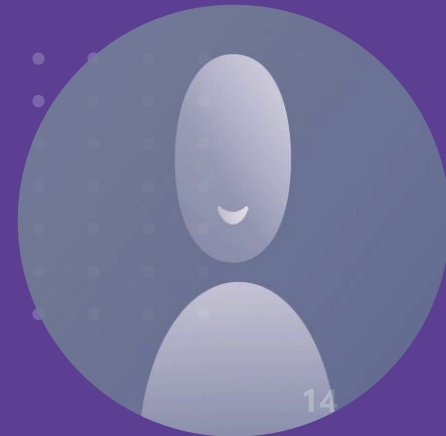
Intern und extern

- **Service-Provider vs self-hosted LLM**
- **Welche (Business-)Daten wollen wir teilen, welche nicht?**
- **Welche Antworten wollen wir bekommen?**
- **Benötigen wir ein Modell, das Gedichte schreiben kann?**
- **Können wir Funktionalität verbinden (Agents)?**



Was kann helfen?

- APIs, besonders bei Automatisierung
- Standardisierungen, wie z.B. IBCS
- (Vor-)Definierte Lösungen, wie z.B. ESG, Financial Consolidation
- User Input = Digitalisierung von Expertenwissen



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Wo geht es hin?

“ Kunden werden sich an Generative AI bei der Verwendung von Software gewöhnen.

- Generative Reports & Dashboards
- Verwendung von KI generierten Insights
- Zeitersparnis durch Automatisierung
- Data Insights, Forecast & Analysis



Ode to the Financial Planner by ChatGPT-4

There once was a planner named Fred who wanted to get ahead.
He tried many tools to plan and report but none of them gave him the support.
He tried Excel, but it was too slow. He tried Power BI, but it was too low.
He tried Tableau, but it was too hard. He tried SAP, but it was too barred.
He was about to give up and quit, when he heard of a tool that was a hit:
It was called Jedox, and it was the best, it had everything he needed and more than the rest.
Jedox was fast and easy to use, Jedox was flexible and smart to choose.
Jedox was integrated and scalable to grow, Jedox was adaptable and reliable to show.
Fred decided to give Jedox a try, and he was amazed by what he saw:
He could plan, analyze, and report with ease, he could create, modify, and share with peace.
He was so happy with Jedox that he told his friends, and they all joined him in using Jedox for their ends.
They all agreed that Jedox was the ultimate tool! They all thanked Fred for being so cool.
And that's how Fred became a star With Jedox, he went far,
He achieved his goals and exceeded his expectations, he enjoyed his work and had fun with his creations.

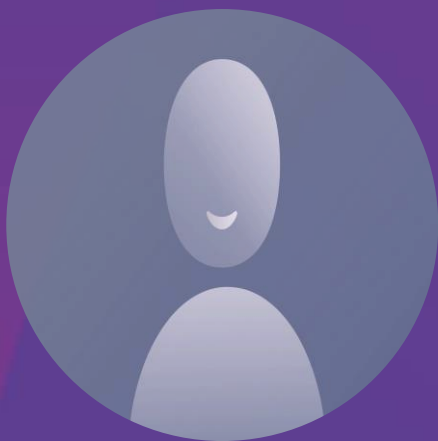
Q&A





Thank you

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