

Will ChatGPT Take Over My Job?

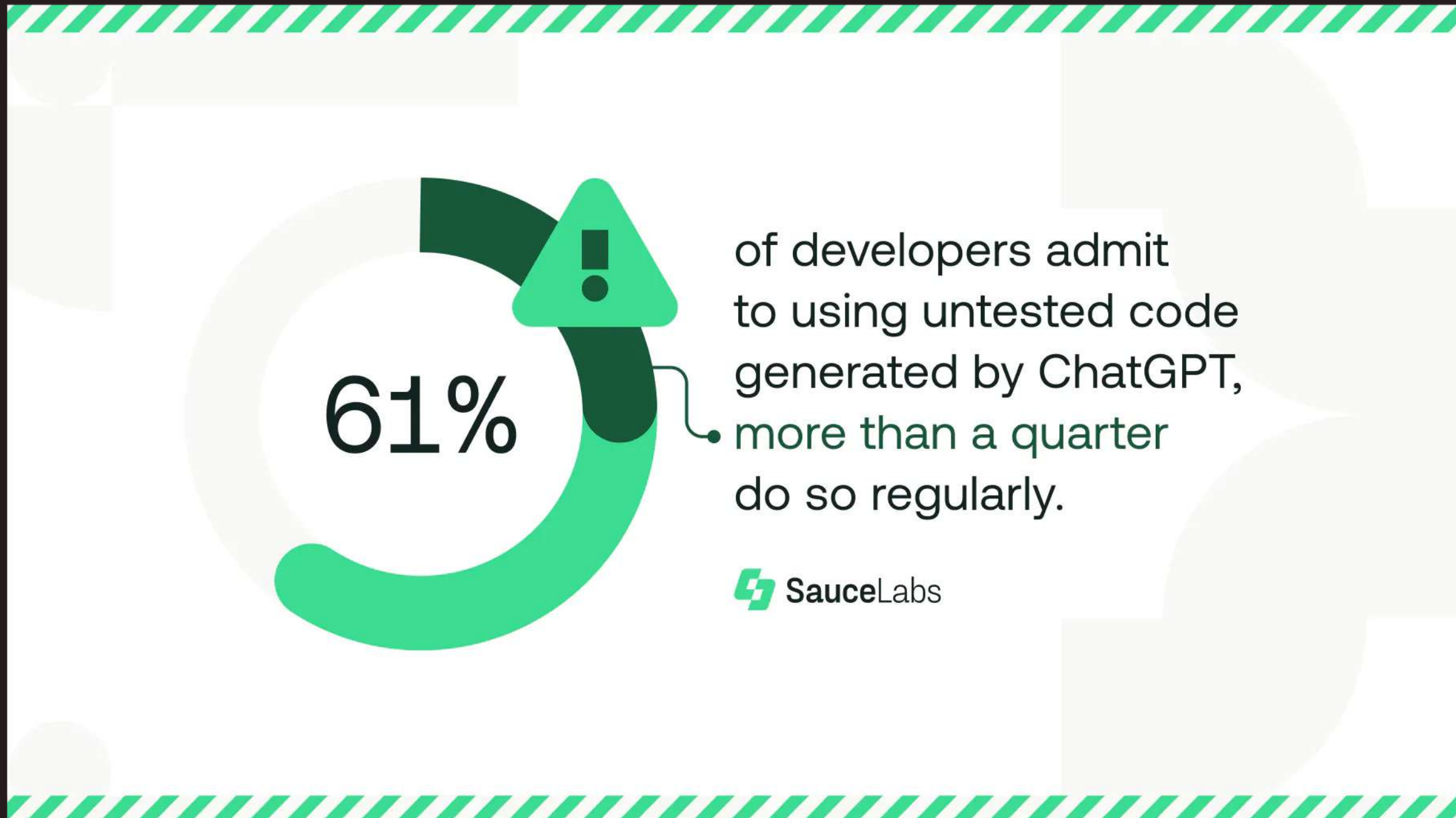
Philipp Krenn

I ONCE HEARD THAT THERE IS A PROGRAMMER



THAT WRITES CODE WITHOUT CHATGPT





<https://saucelabs.com/resources/report/developers-behaving-badly>

What is (not) good about ChatGPT?

Or LLMs in general

So will it take over my job?



Will ChatGPT Take Over My Job?



ChatGPT and similar AI models are designed to assist and enhance human capabilities rather than take over jobs. They can automate certain tasks, answer questions, provide information, and assist with various types of communication, but they are not a replacement for human workers in most professions.



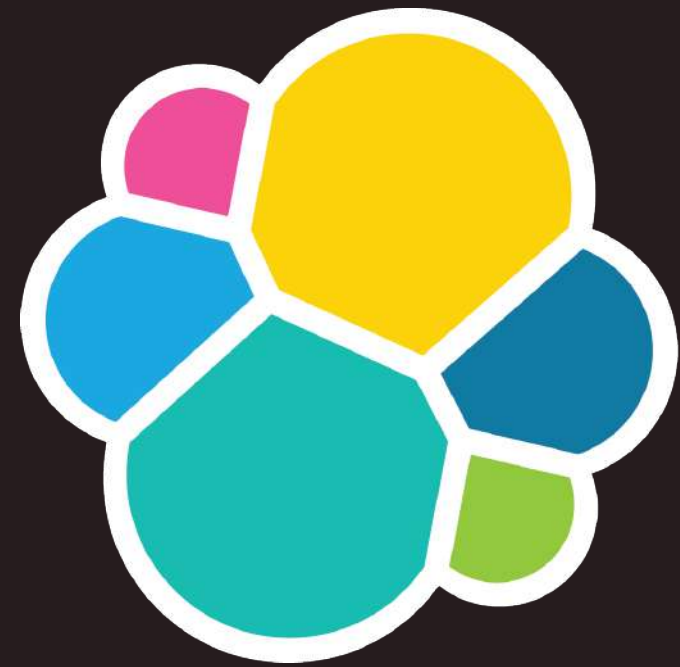
can I trust you on this one?



You can trust the information I provide to the best of my knowledge, which is based on the data and training available up to my knowledge cutoff date in January 2022. However, it's important to keep in mind that the impact of AI and technology on employment is an ongoing and evolving subject, and it can vary significantly depending on specific industries, regions, and individual job roles.

"When summarizing facts, ChatGPT technology makes things up about 3% of the time, according to research from a new start-up. A Google system's rate was 27%."

<https://www.nytimes.com/2023/11/06/technology/chatbots-hallucination-rates.html>



elastic

Developer 🥑

AI Assistants / Copilots

Exception message

```
13 INTERNAL: timeout processing order
```



Culprit

```
exports.createStatusError (node_modules/grpc/src/common.js)
```



What's this error?

Get helpful insights from our Elastic AI Assistant.

Connector: Azure



This feature is currently in **Tech Preview** and may contain issues.

[Give feedback](#)

The error message indicates that there was an internal timeout while processing an order. This error is thrown by the gRPC library used in your Node.js service.

The error is of type **13 INTERNAL**, which is a gRPC status code indicating an internal error occurred. In this case, the error message suggests that the service took too long to process an order, leading to a timeout.

The error could be caused by several factors:

1. The service might be trying to process an unusually large order that it's not equipped to handle, causing it to time out.
2. There could be an issue with the service's connection to the database or another external system, causing delays.
3. The service might be under heavy load, causing it to respond slower than usual.
4. There could be a bug in the service's code that's causing it to hang or get stuck in a loop.

To resolve this issue, you should first try to reproduce the error in a controlled environment. If you can reproduce it, use logging or debugging tools to identify the exact point in the code where the timeout occurs. If the error is due to a slow database query or external system call, you might need to

From Manual Discovery...

Metrics Jun 6, 2022 @ 23:00:00.000 → Jun 8, 2022 @ 01:00:00.000 Refresh

Search field names Break down by Select field

6,999,408 hits

Jun 6, 2022 @ 23:00:00.000 - Jun 8, 2022 @ 01:00:00.000 (interval: Auto - 30 minutes)

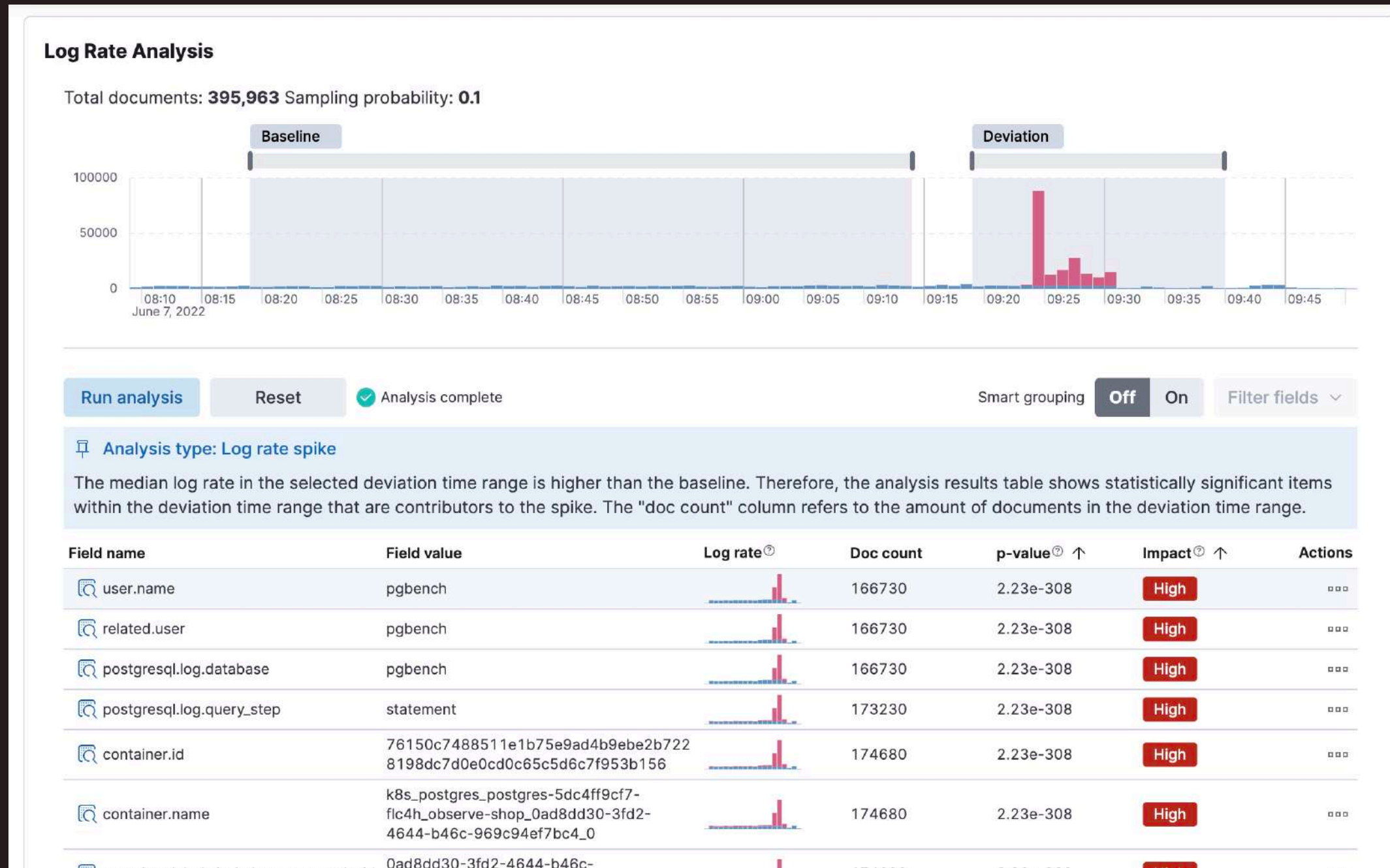
Documents Field statistics

1 field sorted


<input type="checkbox"/>	@timestamp	Document
<input type="checkbox"/>	Jun 8, 2022 @ 01:00:00.000	@timestamp Jun 8, 2022 @ 01:00:00.000 agent.name rum-js data_stream.dataset apm.internal data_stream.namespace default data_stream.type metrics ecs.version 1.12.0 event.agent_id_status missing event.ingested Jun 8, 2022 @ 01:00:05.000 event.outcome success metricset.name service_destination observer.ephemeral_id e47f753d-19d9-43ff-8052-81e768b141ef observer.hostname a0169347846d observer.id 60ce2bab-5577-44ed-8b60-913f5e4f71d9 observer.type apm-server observer.version 8.2.0 processor.event metric processor.name metric service.environment prod service.name frontend-rum span.destination.service.resource frontend-js:3000 span.destination.service.response_time.count 10 span.destination.service.response_time.sum.us 15,598,000 _id TG9lQIEBfmX0g0zIi-GI _index .ds-metrics-apm.internal-default-2022.05.17-000001 _score -
<input type="checkbox"/>	Jun 8, 2022 @ 01:00:00.000	@timestamp Jun 8, 2022 @ 01:00:00.000 agent.name dotnet data_stream.dataset apm.internal data_stream.namespace default data_stream.type metrics ecs.version 1.12.0 event.agent_id_status missing event.ingested Jun 8, 2022 @ 01:00:05.000 event.outcome success metricset.name service_destination observer.ephemeral_id e47f753d-19d9-43ff-8052-81e768b141ef observer.hostname a0169347846d observer.id 60ce2bab-5577-44ed-8b60-913f5e4f71d9 observer.type apm-server observer.version 8.2.0 processor.event metric processor.name metric service.environment prod service.name cartService span.destination.service.resource redis span.destination.service.response_time.count 41 span.destination.service.response_time.sum.us 29,521 _id TW9lQIEBfmX0g0zIi-GI _index .ds-metrics-apm.internal-default-2022.05.17-000001 _score -

Rows per page: 100 < 1 2 3 4 5 >


...to Statistics & ML and...




...ChatGPT (or other LLMs)

 **Analyzing and Addressing Log Rate Spike in PostgreSQL Database on Kube...**


R You
what is pgbench?

 **Elastic Assistant**

pgbench is a benchmarking tool included with the PostgreSQL database software. It's used to simulate typical client work and measure the performance of the PostgreSQL database system. This tool generates a specified number of transactions and runs them concurrently to test the system's throughput under heavy load. It's often used for performance tuning, capacity planning, and to evaluate whether changes to a database or its configuration will improve performance.

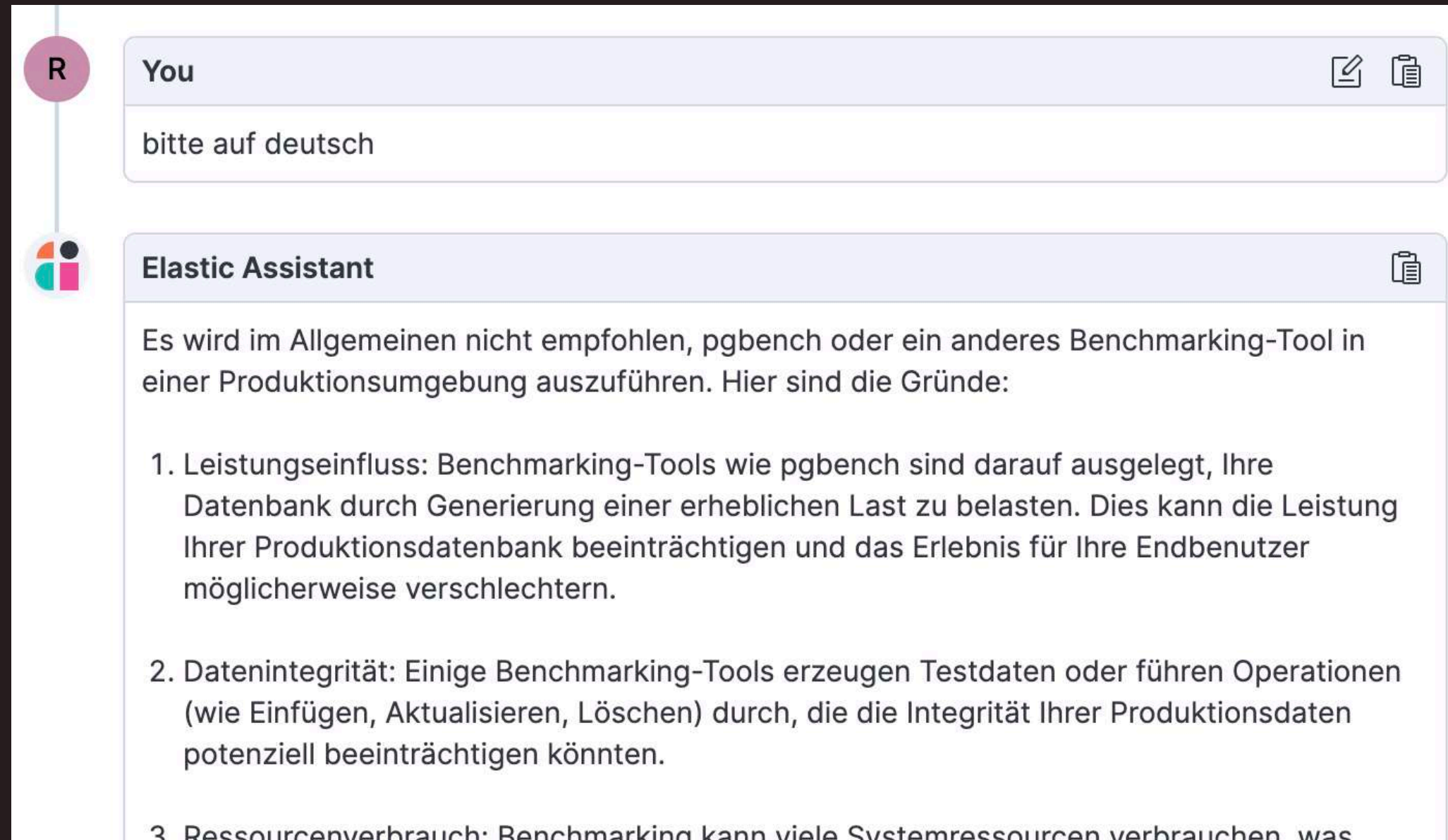
 Regenerate

R You
should I run pgbench in production?

 **Elastic Assistant**

Running **pgbench** in a production environment is generally not recommended. **pgbench** is a benchmarking tool that gen

In Your Language



The screenshot shows a chat window with two messages. The first message is from 'You' (User) and the second is from 'Elastic Assistant'.

You

bitte auf deutsch

Elastic Assistant

Es wird im Allgemeinen nicht empfohlen, pgbench oder ein anderes Benchmarking-Tool in einer Produktionsumgebung auszuführen. Hier sind die Gründe:

1. Leistungseinfluss: Benchmarking-Tools wie pgbench sind darauf ausgelegt, Ihre Datenbank durch Generierung einer erheblichen Last zu belasten. Dies kann die Leistung Ihrer Produktionsdatenbank beeinträchtigen und das Erlebnis für Ihre Endbenutzer möglicherweise verschlechtern.
2. Datenintegrität: Einige Benchmarking-Tools erzeugen Testdaten oder führen Operationen (wie Einfügen, Aktualisieren, Löschen) durch, die die Integrität Ihrer Produktionsdaten potenziell beeinträchtigen könnten.
3. Ressourcenverbrauch: Benchmarking kann viele Systemressourcen verbrauchen, was

With Function Calling



Custom LLM Endpoint

Cloud or On-Prem

Finally, AIOps?

AIOps == Actionable Insights

Using ChatGPT:
conservative vs exploratory

Who Answers It Better? An In-Depth Analysis of ChatGPT and Stack Overflow Answers to Software Engineering Questions

<https://arxiv.org/abs/2308.02312>

"Our examination revealed that 52% of ChatGPT's answers contain inaccuracies and 77% are verbose. Nevertheless, users still prefer ChatGPT's responses 39.34% of the time due to their comprehensiveness and articulate language style."

Conclusion

Welcome to our new ChatGPT over-ops

Will ChatGPT Take Over My Job?

Philipp Krenn