



KI Data Tooling Final Event | December 06th 2023

Big Picture for future development

Vögel | BMW Group

„Previously on ...“ - important external events for KI Data Tooling project.

Reuters

German car supplier Webasto halts China corporate travel over coronavirus: spokeswoman

The German auto supplier Webasto has halted all corporate travel because of the coronavirus outbreak and the infection of...

27.01.2020



UNECE MEDIA DOCUMENTS

(ISO) ISO PAS 8800 Road Vehicles - Safety and Artificial Intelligence

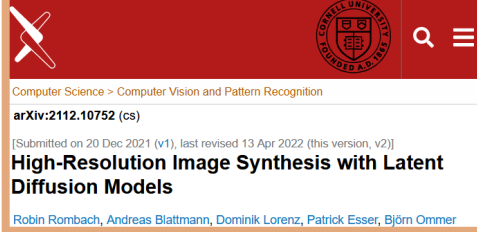


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White Paper on Artificial Intelligence: a European approach to excellence and trust

GENERAL PUBLICATIONS | 19 February 2020

White Paper on Artificial Intelligence: a European approach to excellence and trust



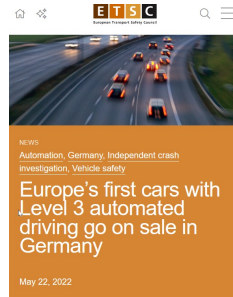
Computer Science > Computer Vision and Pattern Recognition

arXiv:2112.10752 (cs)

[Submitted on 20 Dec 2021 (v1), last revised 13 Apr 2022 (this version, v2)]

High-Resolution Image Synthesis with Latent Diffusion Models

Robin Rombach, Andreas Blattmann, Dominik Lorenz, Patrick Esser, Björn Ommer



ETSIC

NEWS

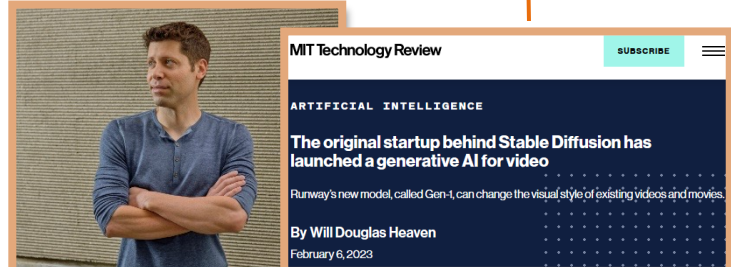
Automation, Germany, Independent crash investigation, Vehicle safety

Europe's first cars with Level 3 automated driving go on sale in Germany

May 22, 2022

„... danger ... excessive focus on risks will slow down AI development in Europe ...“

Bitkom on the EU Council's proposals for the AI Act



MIT Technology Review

ARTIFICIAL INTELLIGENCE

The original startup behind Stable Diffusion has launched a generative AI for video

Runway's new model, called Gen-1, can change the visual style of existing videos and movies.

By Will Douglas Heaven

February 6, 2023



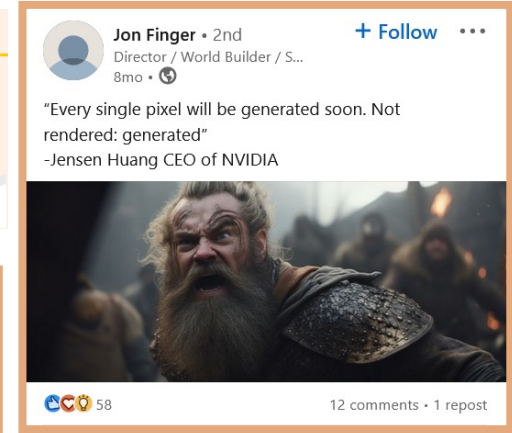
The New York Times

Sam Altman, the chief executive of OpenAI, is in the rare position of trying to downplay a hit product. Ian C. Bates for The New York Times

THE SHIFT

How ChatGPT Kicked Off an A.I. Arms Race

Even inside the company, the chatbot's popularity has come as something of a shock.

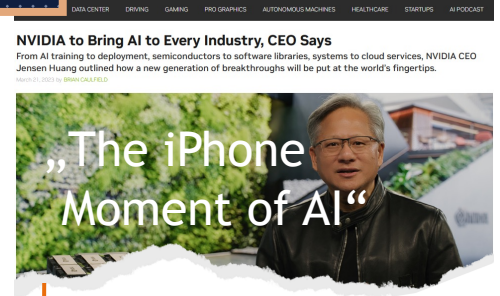


Jon Finger • 2nd Director / World Builder / S... 8mo •

"Every single pixel will be generated soon. Not rendered: generated"

-Jensen Huang CEO of NVIDIA

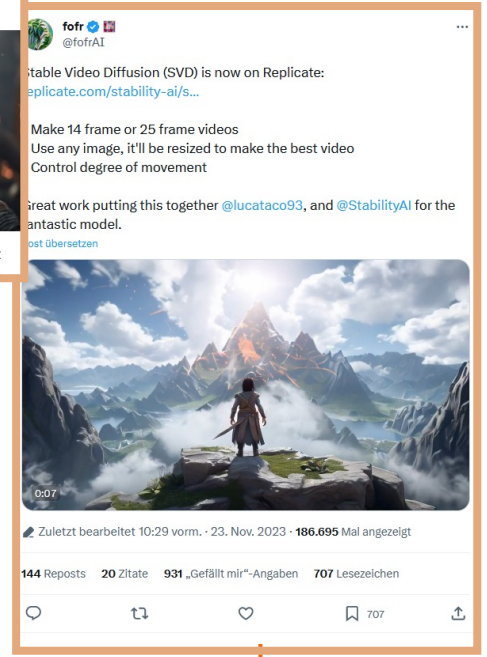
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NVIDIA to Bring AI to Every Industry, CEO Says

From AI training to deployment, semiconductors to software libraries, systems to cloud services, NVIDIA CEO Jensen Huang outlined how a new generation of breakthroughs will be put at the world's fingertips.

„The iPhone Moment of AI“



fofr @fofrAI

Stable Video Diffusion (SVD) is now on Replicate: replicate.com/stability-ai/s...

Make 14 frame or 25 frame videos Use any image, it'll be resized to make the best video Control degree of movement

Great work putting this together @lucataco93, and @StabilityAI for the fantastic model.

ost Übersetzen

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Autonomous vehicles need to deal with countless situations safely and reliably....



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ISO 34503:2023

Road Vehicles

Test scenarios for automated driving systems

Specification for operational design domain

Status : **Published**

... necessitating **AI-based functions** trained and tested with **high-quality data**.

Approved and safety-relevant functions must be linked to ODD test scenarios.



Philip Koopman (He/Him) **Author**

1w ...

Autonomous Vehicle Safety, Embedded Software, UL 460...

Indeed: nice job by [Steven Shladover](#) reminding everyone that scenarios have to cover off-nominal situations such as earthquakes disrupting infrastructure (at least on San Fran...



„Every pixel will be generated soon - not rendered.
Generated!“*



Novel methods of Generative AI, providing foundation models that combine language with multimodal (motion) picture capabilities are levelling the playing field. They are taking synthetic data generation capabilities well beyond classical scene rendering.

* Jensen Huang, CEO nvidia, March 2023

AI is only safe if you make it so.

Systematically - from data, to architecture, to tools, to assurance case.



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ISO/CD PAS 8800

Road Vehicles

Safety and artificial intelligence

Status : **Under development**

“... safety-related properties and risk factors impacting the **insufficient performance and malfunctioning behaviour of Artificial Intelligence (AI)** within a road vehicle context. ... includes derivation of **suitable safety requirements ...**, considerations related to **data quality and completeness ...** mitigation of failures ... **tools ... evidence ...** support an **assurance argument** for the overall safety of the system.”


Intensifying debate on AI safety in automated driving functions. First cases argued in court. Recalls ordered for safety flaws.



Bloomberg Subscribe

CityLab
Perspective

Why Robotaxis Can Make Cities Safer




An urban policy analyst at the Manhattan Institute argues in favor of expanding autonomous ride-hailing in San Francisco and beyond.

By Jordan McGillis
September 20, 2023

CityLab
Perspective

Why Robotaxis Have No Place in the City



Two San Francisco activists explain why they're trying to halt the city's autonomous ride-hailing vehicles in their tracks.

By Aditya Bhumbala and Mingwei Samuel
September 20, 2023

WIRED SUBSCRIBE

AARIAN MARSHALL BUSINESS FEB 16, 2023 6:15 PM

Tesla's Recall Targets a 'Fundamental' Flaw

More than 360,000 vehicles will receive an over-the-air update after the US government said that their software can be dangerous in some driving situations.





Regulatory environment is rapidly evolving. Generative AI remains heatedly contested topic.

Medium

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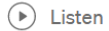


The EU is so close to regulating AI — but what does an EU AI Act actually mean?



Maham Saleem · Follow

5 min read · 6 hours ago



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The EU AI Act is one of the first landmark pieces of legislation with the sole purpose of regulating AI systems. With the region being such a major market, EU legislation, particularly of the tech sector, has sway over regulation and corporate practice across the rest of the world. You don't have to look much further than the GDPR, a quintessential example of the 'Brussels effect' where the stringency and comprehensiveness of the legislation did not, as threatened, cause all Big Tech to flee — excluding 500mn of the world's richest people from your services is costly — rather, they adapted practices to ensure compliance with the new rules. The same doesn't hold for the UK, with a footprint small enough that messenger apps like WhatsApp and Signal threatened to pull services if new online safety regulation sanctioned unreasonable infringements of people's privacy by public authorities.

REUTERS®



My View

Following

Saved

Generative AI a stumbling block in EU legislation talks -sources

By Supantha Mukherjee, Foo Yun Chee and Martin Coulter

December 1, 2023 10:13 PM GMT+1 · Updated 2 days ago

Give Feedback



Aa





What's next? Praying for Data? Riots on Data Lakes? Or ... Data Economy?





»» Where will we go from here?



KI Data Tooling is a project of the KI Familie. It was initiated and developed by the VDA Leitinitiative autonomous and connected driving and is funded by the Federal Ministry for Economic Affairs and Climate Action.



Supported by:



on the basis of a decision by the German Bundestag

www.ki-datatooling.de  @KI_Familie  KI Familie