



Smartes Design für KI mit Datenschutz

Marit Hansen
Landesbeauftragte für Datenschutz
Schleswig-Holstein

Kiel, 31.05.2018





Beherrschbarkeit wichtig



Brücken-
stabilität

Predictive
Policing



Training für selbstlernende Algorithmen?

jackyalciné's like 55% in the Indie... Folgen ▼
 @jackyalcine

Google Photos, y'all fucked up. My friend's not a gorilla.

[Tweet übersetzen](#)



18:22 - 28. Juni 2015


3.350 Retweets 2.281 „Gefällt mir“-Angaben



239  3,4 Tsd.  2,3 Tsd. 

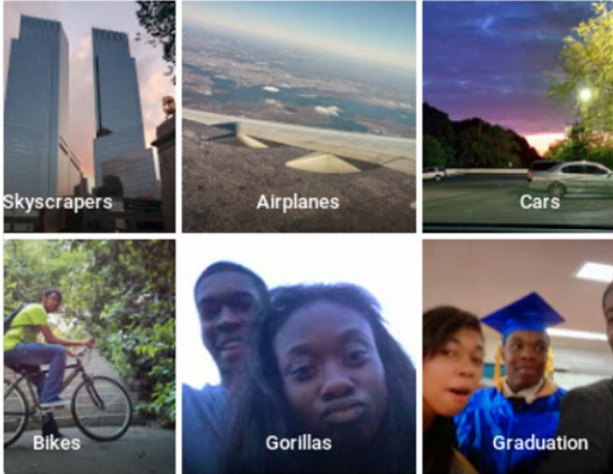
<https://twitter.com/jackyalcine/status/615329515909156865>

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<https://www.nytimes.com/2017/10/26/opinion/algorithm-compas-sentencing-bias.html>

Opinion

The New York Times

When an Algorithm Helps Send You to Prison

By Ellora Thadaney Israni

Oct. 26, 2017

In 2013, police officers in Wisconsin arrested a man driving a car that had been used in a recent shooting. The man, Eric Loomis, pleaded guilty to attempting to flee an officer, and no contest to operating a vehicle without the owner's consent. Neither of his crimes mandates prison time.

At Mr. Loomis's sentencing, the judge cited, among other factors, Mr. Loomis's high risk of recidivism as predicted by a computer program called COMPAS, a risk assessment algorithm used by the state of Wisconsin. The judge denied probation and prescribed an 11-year

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Welche Regeln? z.B. bei AI-Bots

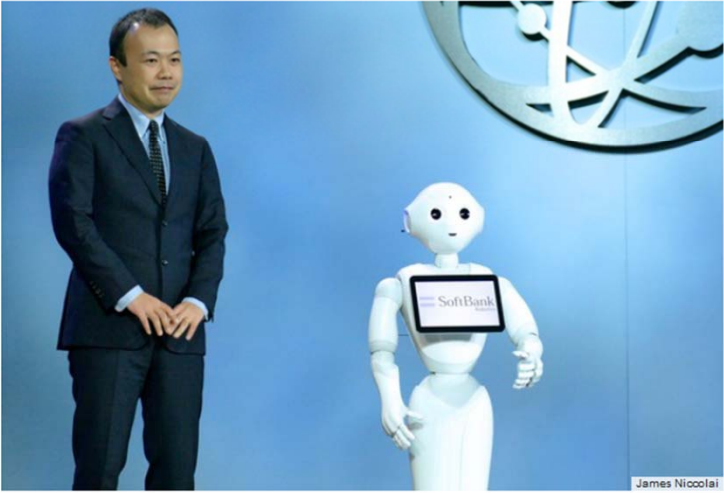
COMPUTERWORLD
FROM IDG

NEWS

What will it take to make A.I. sound more human?

'It's a matter of being personalized,' says CMU professor Alan Black

By Katherine Noyes
Senior U.S. Correspondent, IDG News Service | APR 1, 2016 5:23 PM PT



James Nicolai

Conversation fillers such as "hmm" and "uh-huh" may seem like insignificant parts of human conversation, but they're critical to improving communication between humans and artificial intelligence (A.I.).

<https://www.computerworld.com/article/3051174/big-data/what-will-it-take-to-make-ai-sound-more-human.html>

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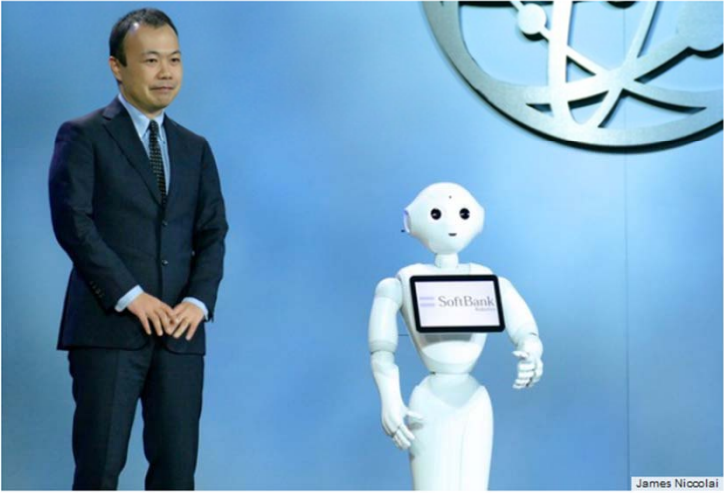
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 **Travis Korte**
@traviskorte Folgen

We should make AI sound different from humans for the same reason we put a smelly additive in normally odorless natural gas.

Bridget Carey  @BridgetCarey
I am genuinely bothered and disturbed at how morally wrong it is for the Google Assistant voice to act like a human and deceive other humans on the other line of a phone call, using upspeak and other quirks of language. "Hi um, do you have anything available on uh May 3?" #io18
Diesen Thread anzeigen

13:44 - 8. Mai 2018

769 Retweets 1.725 „Gefällt mir“-Angaben 

 48  769  1,7 Tsd.

<https://twitter.com/traviskorte/status/993954759932612608>



Datenschutz- Grundverordnung

- Der **Verantwortliche** ist verantwortlich, **Hersteller** indirekt: Fehlentwicklungen vermeiden
- Ziel: **Risiko**beherrschung + **Nachweis** der Datenschutzkonformität
- Neue Anforderung: **Datenschutz „by design“ & „by default“**

Smartes Design? Datenschutz-Schutzziele implementieren

Nichtverkettbarkeit



Transparenz



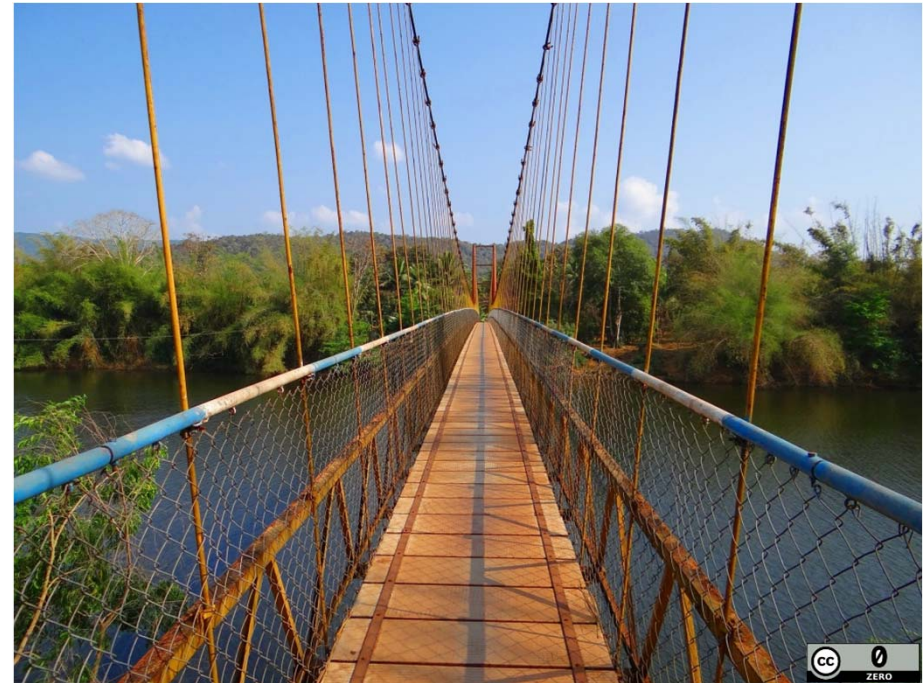
Please, help me!



Intervenierbarkeit

Ziel: **Risikobeherrschung** –
Risiko für die Rechte und Freiheiten natürlicher Personen

Bedeutung der KI für Schleswig-Holstein



- Startpunkt „Datenschutz“
- Folgenabschätzung
- Risiken im Griff



Kontakt:
www.datenschutzzentrum.de