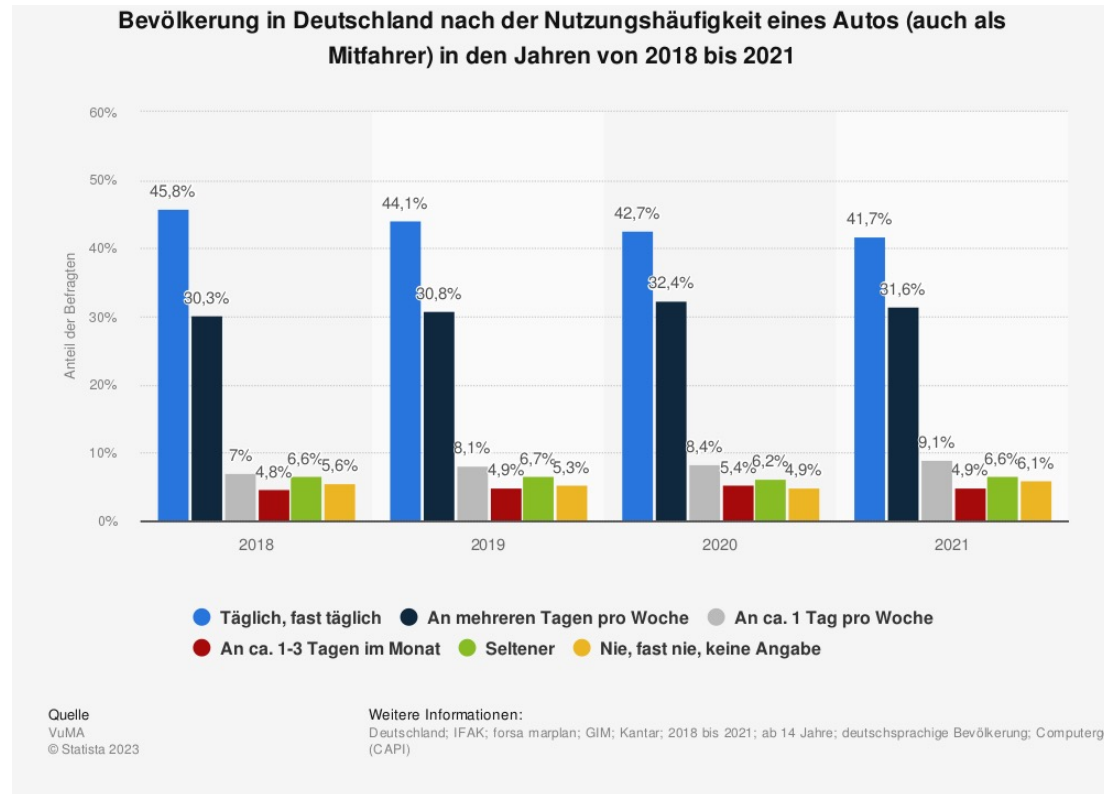


Automotive Health

Herausforderungen in User Experience, KI und Datenschutz

Prof. Dr. Sven Winkelmann
Kompetenzzentrum Ohm User Experience (Ohm-UX)

Use Driving Time to Optimize your own Health



"U.S: drivers spend nearly an hour behind the wheel each day and travel 31.5 miles.."

AAA Foundation's American Driving Survey [Gross, 2019]

Prof. Dr. Sven Winkelmann, Technische Hochschule Nürnberg: "Automotive Health"

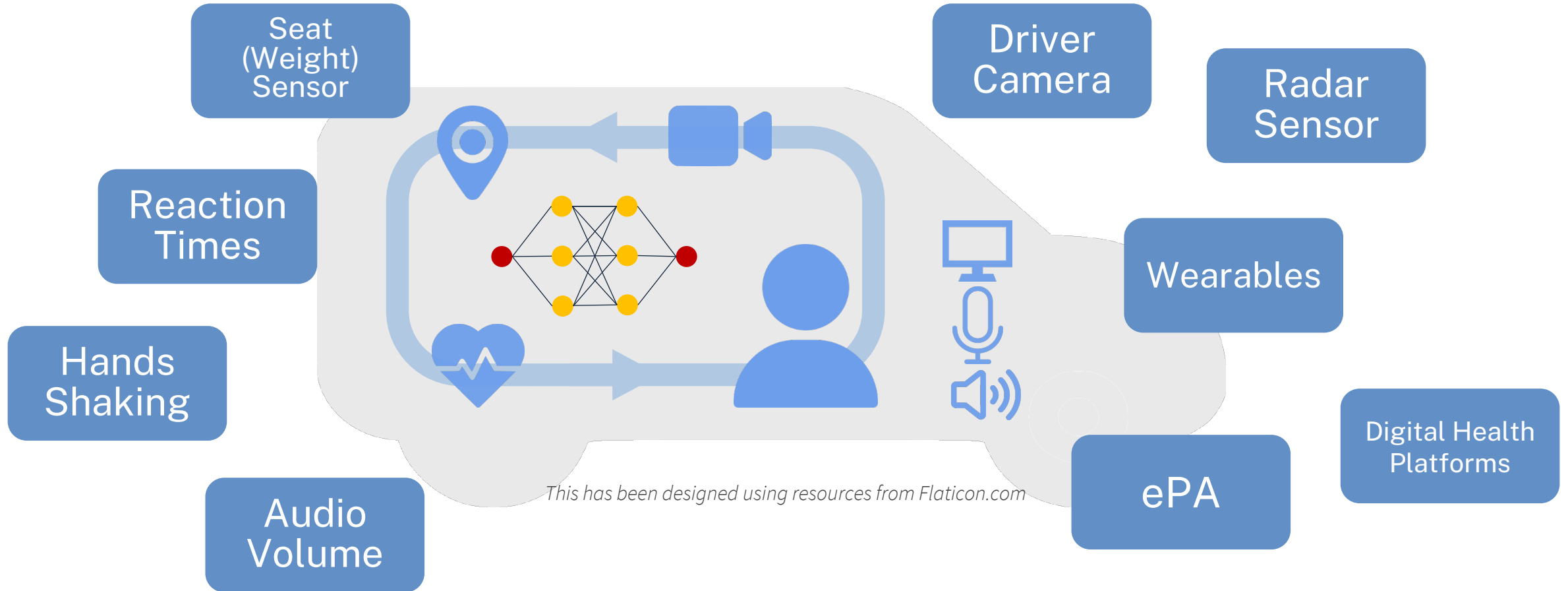


- "37% der Probanden würden Gesundheitsanwendungen im Fahrzeug nutzen" (44% vielleicht)

Gross, Andrew (2019): "Think You're In Your Car More? You're Right. Americans Spend 70 Billion Hours Behind the Wheel", <https://newsroom.aaa.com/2019/02/think-youre-in-your-car-more-youre-right-americans-spend-70-billion-hours-behind-the-wheel/>

van Berck (2019): "Automotive Health", Springer

Automotive Health Data



Data Processing, AI and User Experience

- Big data
- Recognize anomalies
- Prevent false alarms



Security and Data Privacy

- GDPR
- AI-Act
- Medical Device Regulation



Automotive Health

