

Diversity & Inclusion meets Artificial Intelligence

“Why is my SatNav a Woman?”

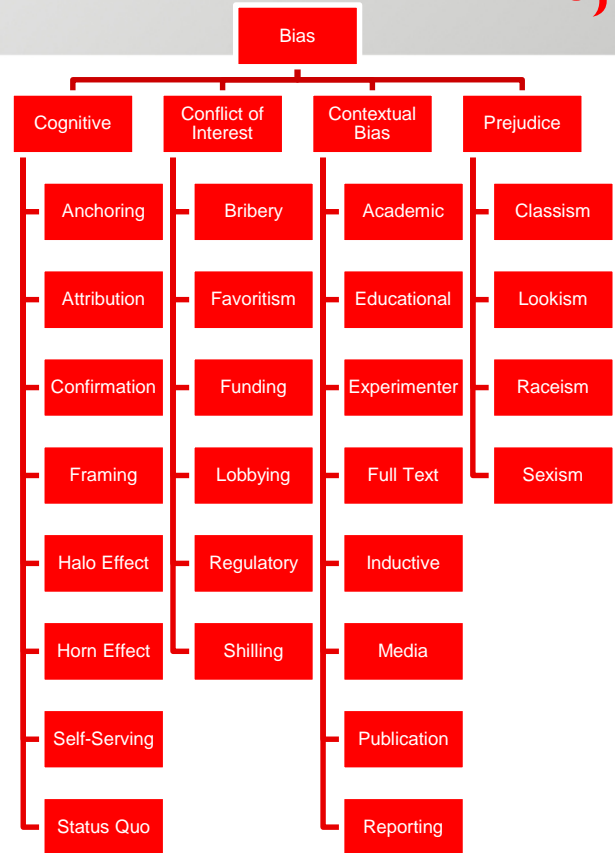
Dr. David Snelling
Fujitsu

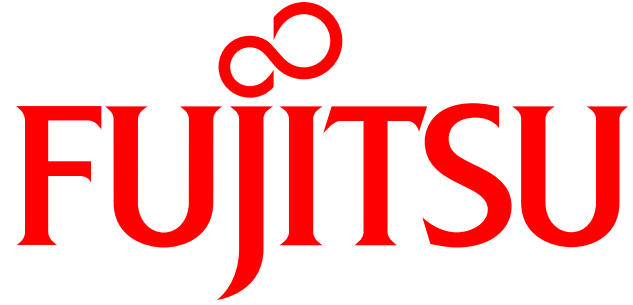
- My title question is a good one actually:
 - Only seven of the top 50 SatNav voices are women.
- We are naturally biased as a species.
 - This natural tendency needs work to overcome/check.
- If AI's learn from us, they may acquire the same biases:
 - Microsoft's Tay Chat Bot evolved very quickly into the unpleasantness of the internet and was pulled off line (twice).
 - Relevant quote: "I have a joke. Women's rights."
- Not all bad:
 - Company textio.com claim:

On average, hiring teams with a high Textio Score recruit 25% more people qualified enough to interview and 23% more women—and they do it 17% faster.

Bias has a Complex Landscape

- Be very careful when training AIs
- And then there are all the statistical biases inherent in AI





shaping tomorrow with you

Food for Thought: Ethical Dimensions for AI

■ Discrimination

- AI systems can adopt biased behaviour as a result of training processes (today's topic).

■ Displacement

- AI and robotic systems can replace human endeavour without compensation.

■ Transparency

- AI systems perform or recommend actions without an explanation of the reasons for that action.

■ Privacy

- Privacy is threatened by the insatiable need for data in AI systems.

■ Agency

- AI supported, highly targeted marketing & app design can endanger free will.

■ Authenticity

- High quality AIs are indistinguishable from human interfaces.



Anything
Missing
?