



JUNCTION X SEOUL

October 9th - 11th

[Challenge] Develop for collaboration and remote productivity

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Develop for collaboration and remote productivity

The new future requires new ways of working. It's hard to go back to business as usual. Innovation has become imperative as nations rebound and economies restructure to navigate the new normal. Every person on the planet will need new skills to be successful tomorrow. Today's students are the innovators and inventors of the future who can use technology to more focus towards building digital resiliency with responsible AI for trustworthy innovation.

Responsible AI Principle into Practice

Annie Mathew
Microsoft APAC

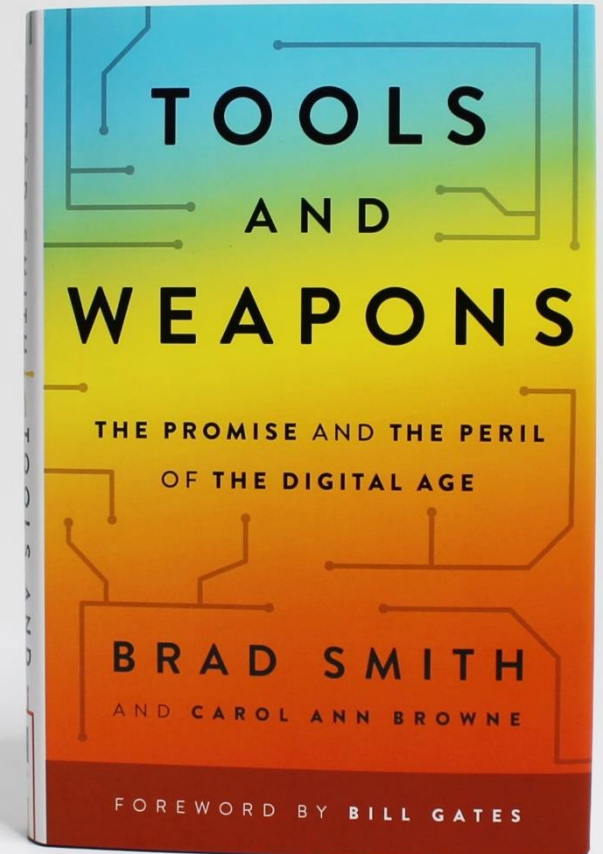
Values AI needs to respect



Why responsible AI?

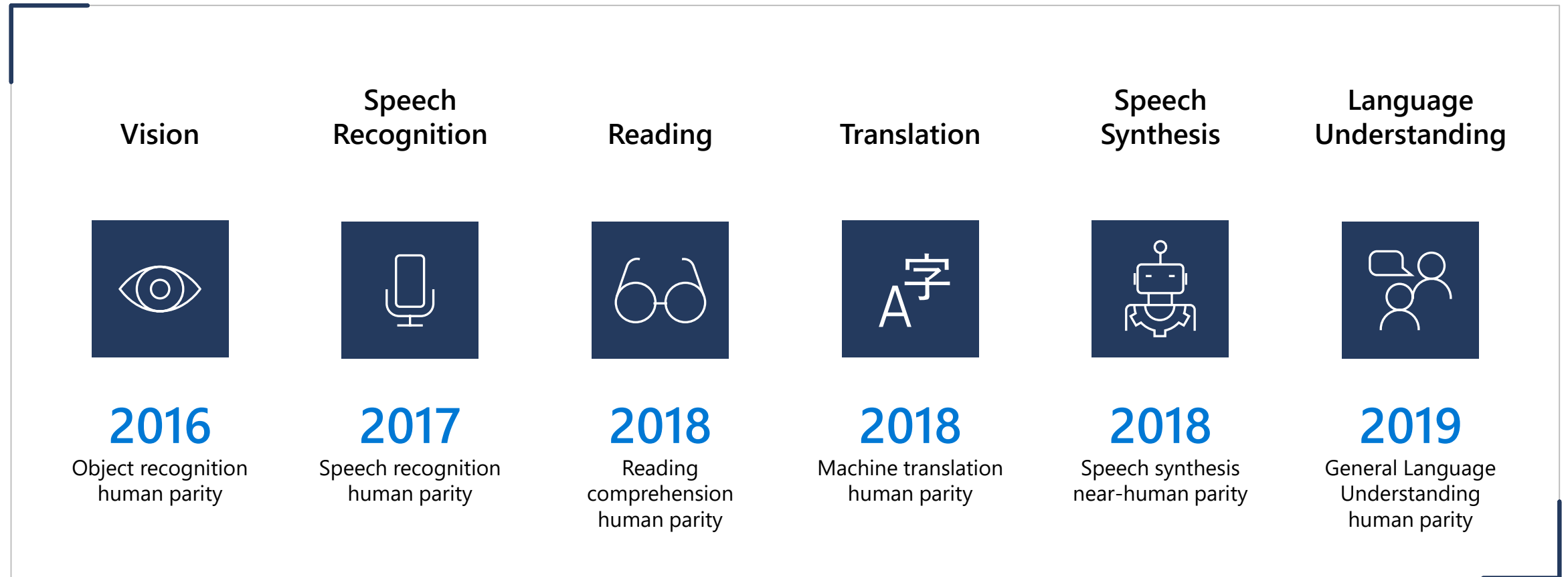
"The more powerful the tool, the greater the benefit or damage it can cause...Technology innovation is not going to slow down. The work to manage it needs to speed up."

Brad Smith
President and Chief Legal Officer, Microsoft



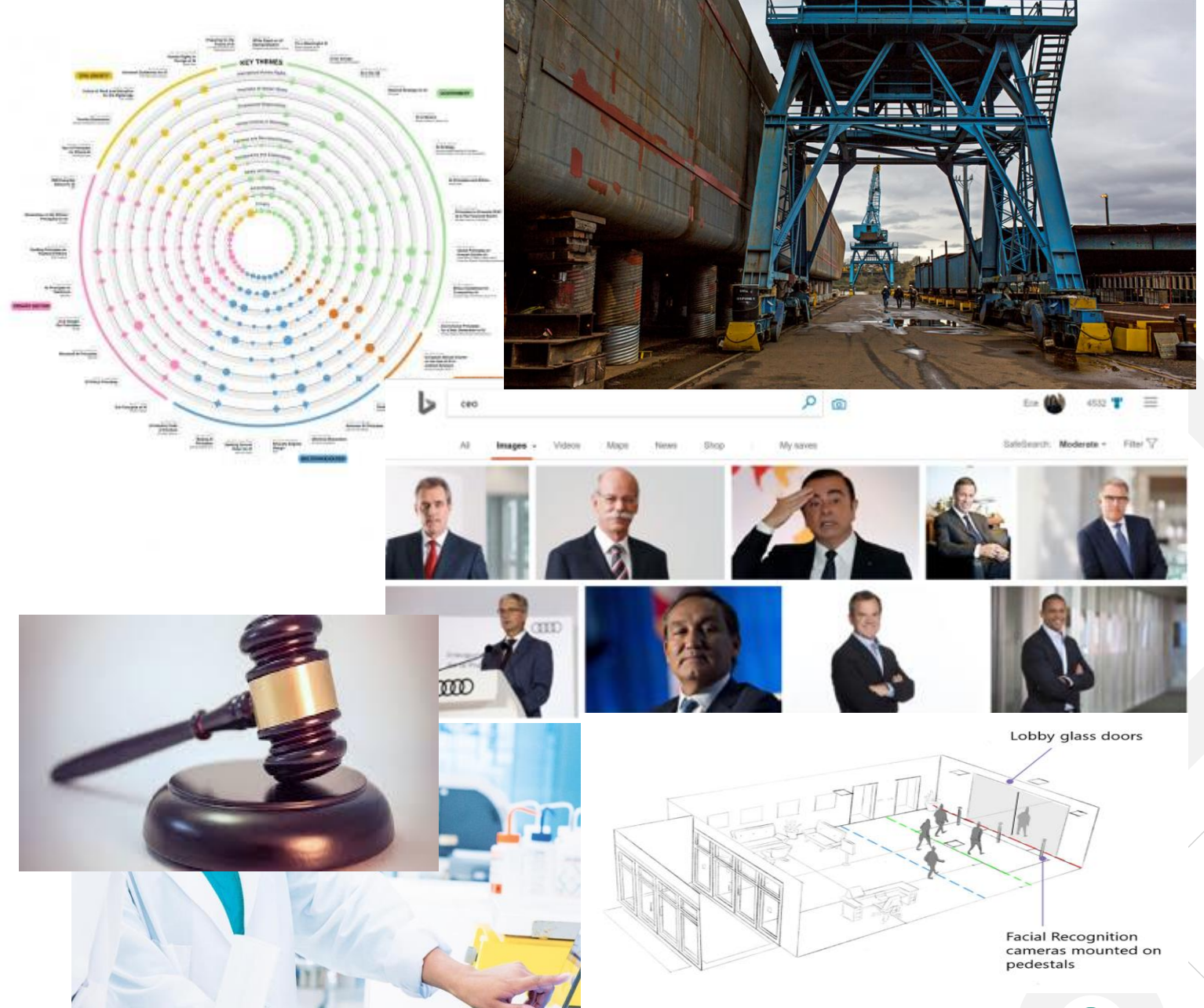
Why Responsible AI?

Advancements in AI are different than other technologies because of the **pace of innovation**, and its **proximity to human** intelligence – impacting us at a personal and societal level.

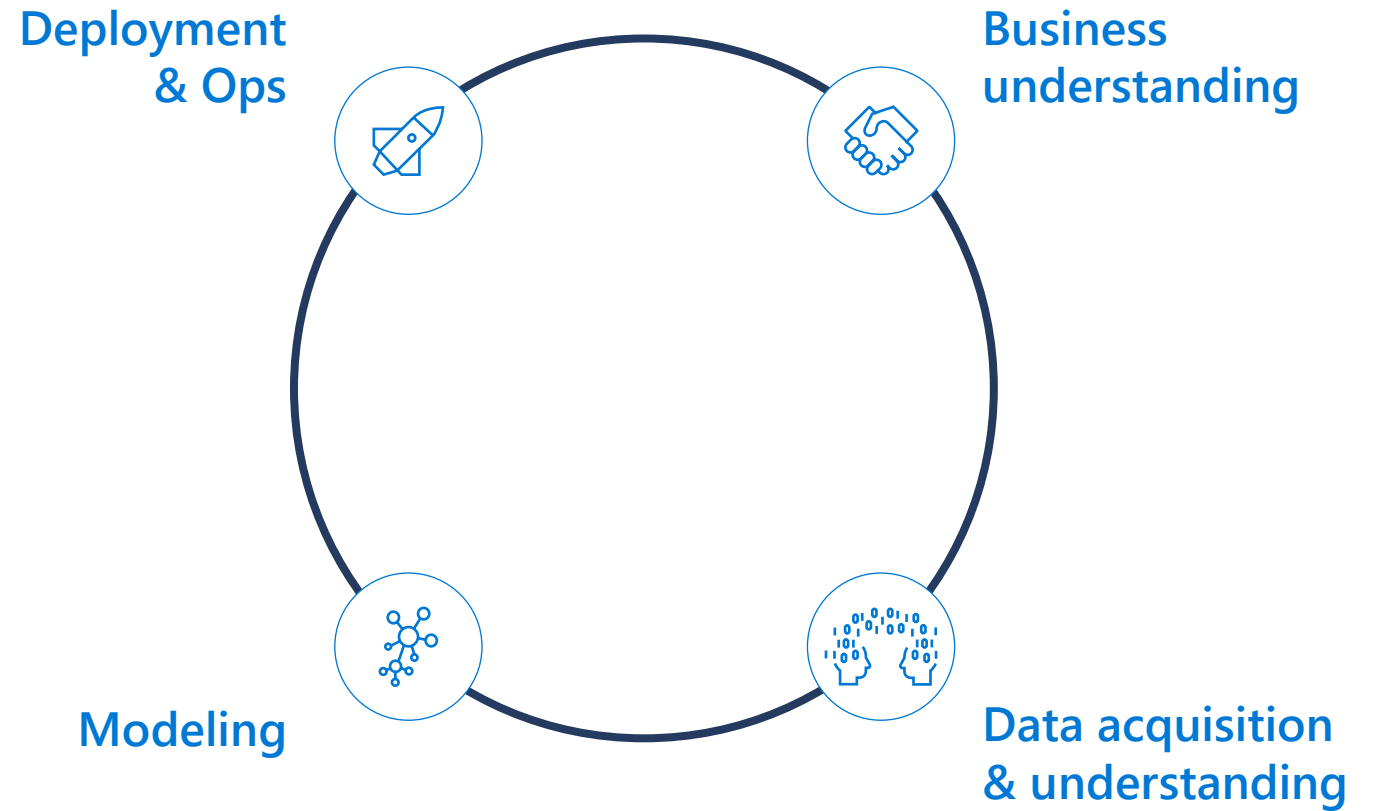


Today's Debate

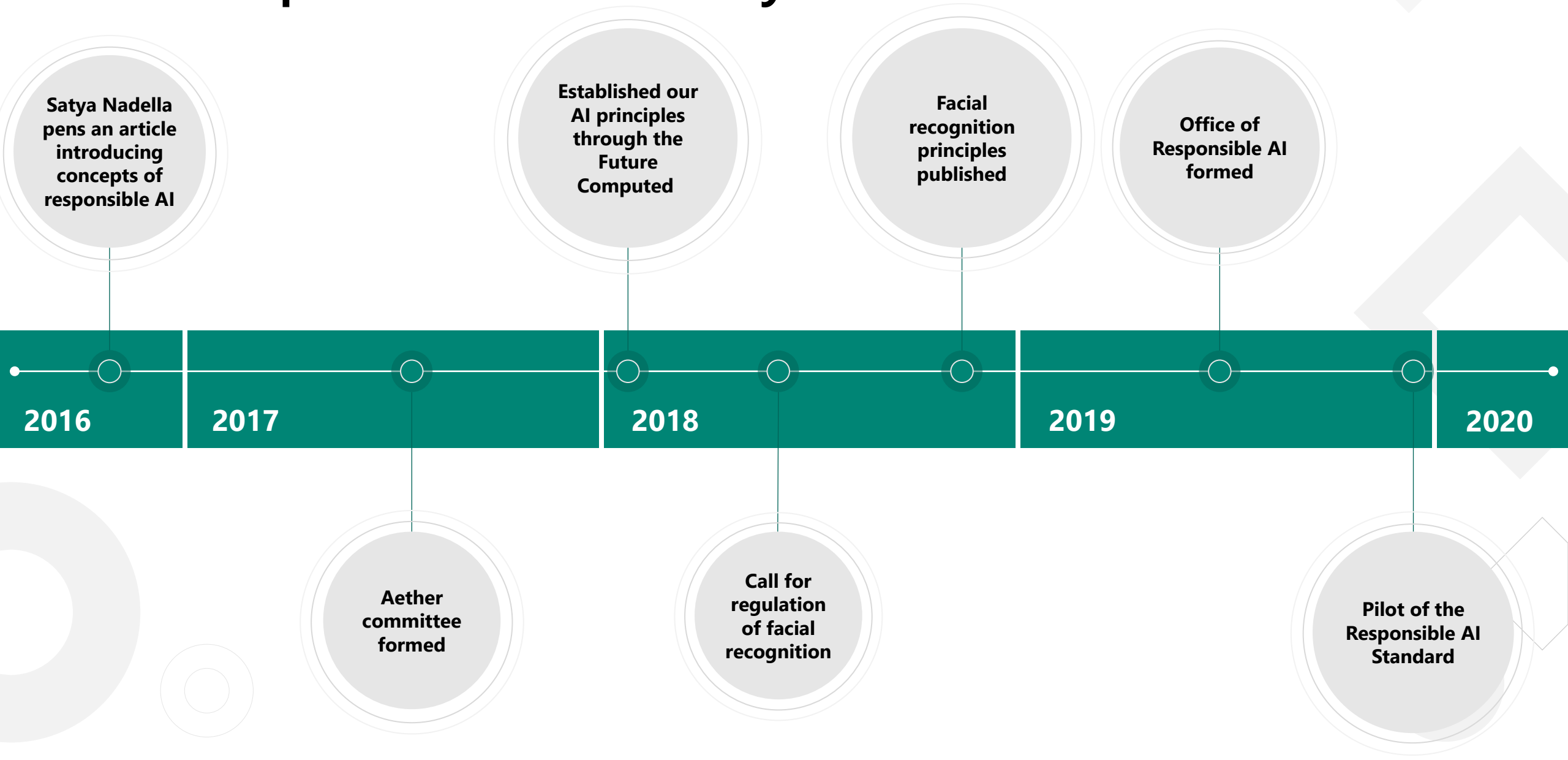
- Facial Recognition
- Fairness
- Corporate responsibility
- Deepfakes
- Human rights
- Meaningful human control
- Contact tracing
- Consent
- Unintended consequences
- Disproportionate impact
- Model Fragility
- Socio-technical issues
- Algorithmic auditing
- Platform accountability
- Regulation



**Responsible AI
is a complex
and broad topic**



Our Responsible AI Journey



Our approach to Responsible AI



Principles

- Fairness
- Inclusiveness
- Transparency
- Accountability
- Reliability & Safety
- Privacy & Security



Practices

- Ethics Committees
- Governance
- Methodology
- Documentation



Tools

- Homomorphic Encryption
- Differential Privacy
- Interpret ML
- Data Drift

Problem Statement

The power of the Internet and digital resilience has sprung up many innovations related to web & mobile development, and responsible AI. These products created are used to potentially make people's lives better towards online collaboration and remote production. Build a website or mobile app for collaboration and remote productivity that can be applied to society and business that will make the world more connected together, and more inclusive place to work in. In this challenge, the requirement is to show at least 1 usage of the technologies used here in Microsoft Azure (aka.ms/JunctionXSeoul/DigitalResilience) and to elaborate your idea with responsible AI (aka.ms/JunctionXSeoul/ResponsibleAI)

Thank You