

# The State of the AI Nation

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“NAYSAYERS WHO  
TRY TO DRUM UP  
THESE DOOMSDAY  
SCENARIOS ARE  
PRETTY  
IRRESPONSIBLE”

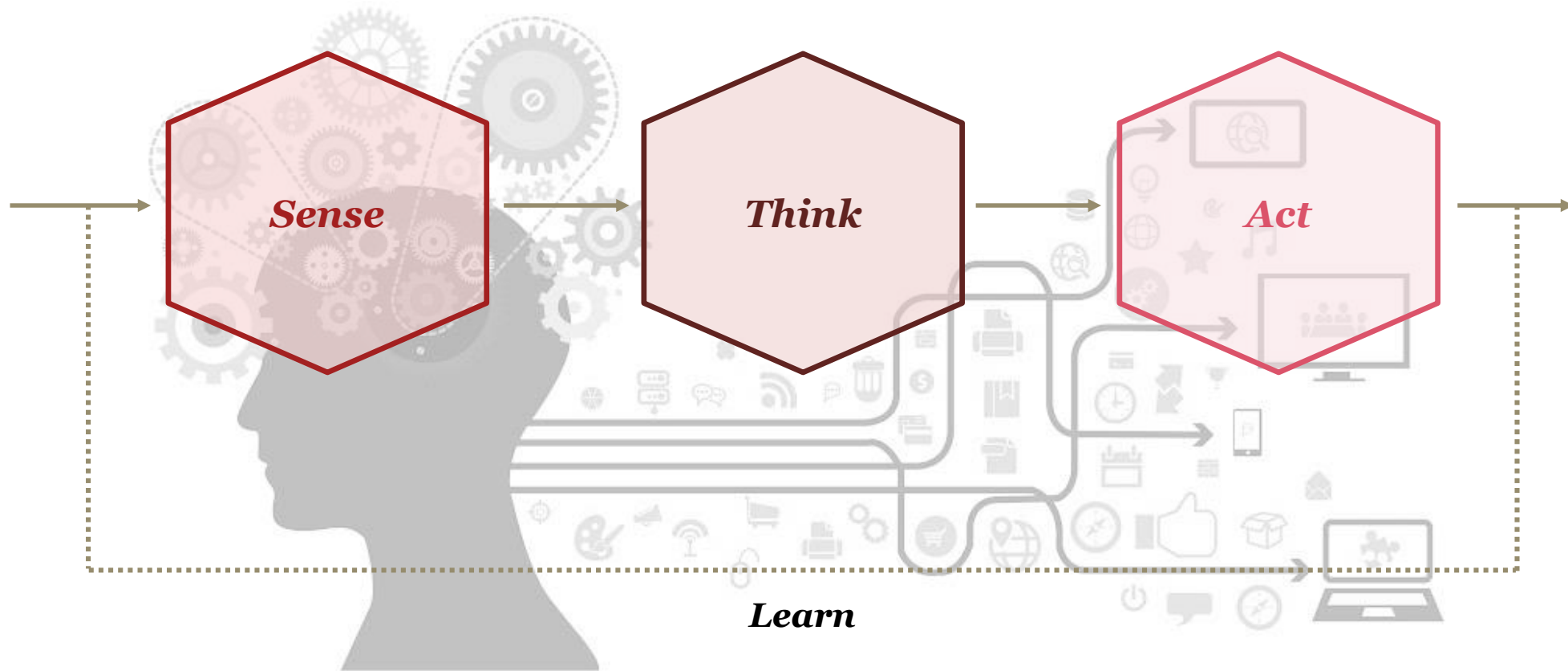
“MARK ZUCKERBERG’S  
KNOWLEDGE OF AI IS LIMITED”

# Mark vs Musk

TECH TITANS LOCK HORNS OVER FEAR OF DYSTOPIAN VIEWS OF AI



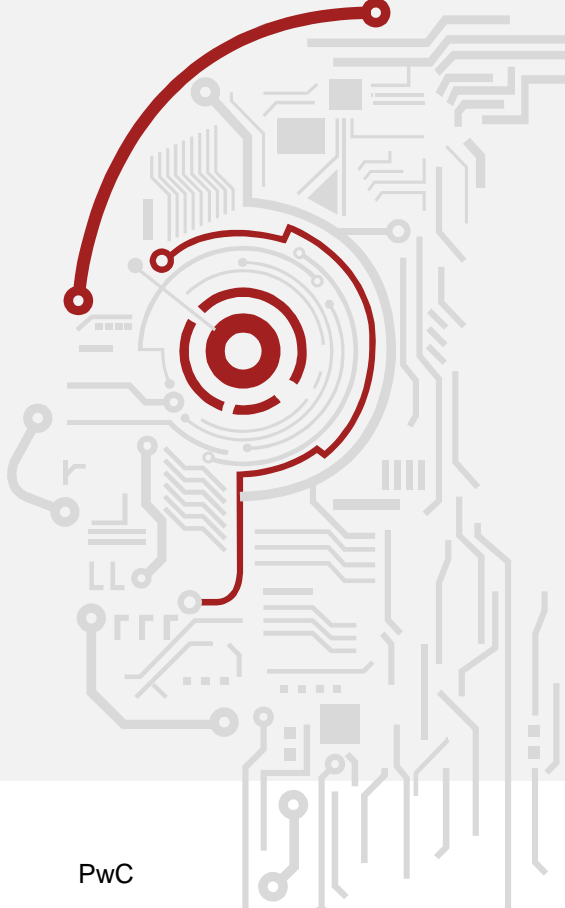
# *AI – definition*




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# *Two essential categories of human task*

## *‘Thinking’*

- 
- Knowledge retrieval
  - Pattern recognition
  - Discovery
  - Diagnosis
  - Anomaly detection
  - Associations and correlations
  - Narrative generation

## *‘Doing’*

- 
- Data transcription
  - Template completion
  - Production
  - Q&A
  - Administration
  - Onboarding
  - Compliance

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# *How do we disrupt both ‘thinking’ and ‘doing’?*

## ‘Thinking’

### ‘Augment’ with AI

- Knowledge retrieval
- Pattern recognition
- Discovery
- Diagnosis
- Anomaly detection
- Associations and correlations
- Narrative generation

## ‘Doing’

### ‘Automate’ with RPA

- Data transcription
- Template completion
- Production
- Q&A
- Administration
- Onboarding
- Compliance

# *AI can be implemented with different levels of automation*

*Assisted*

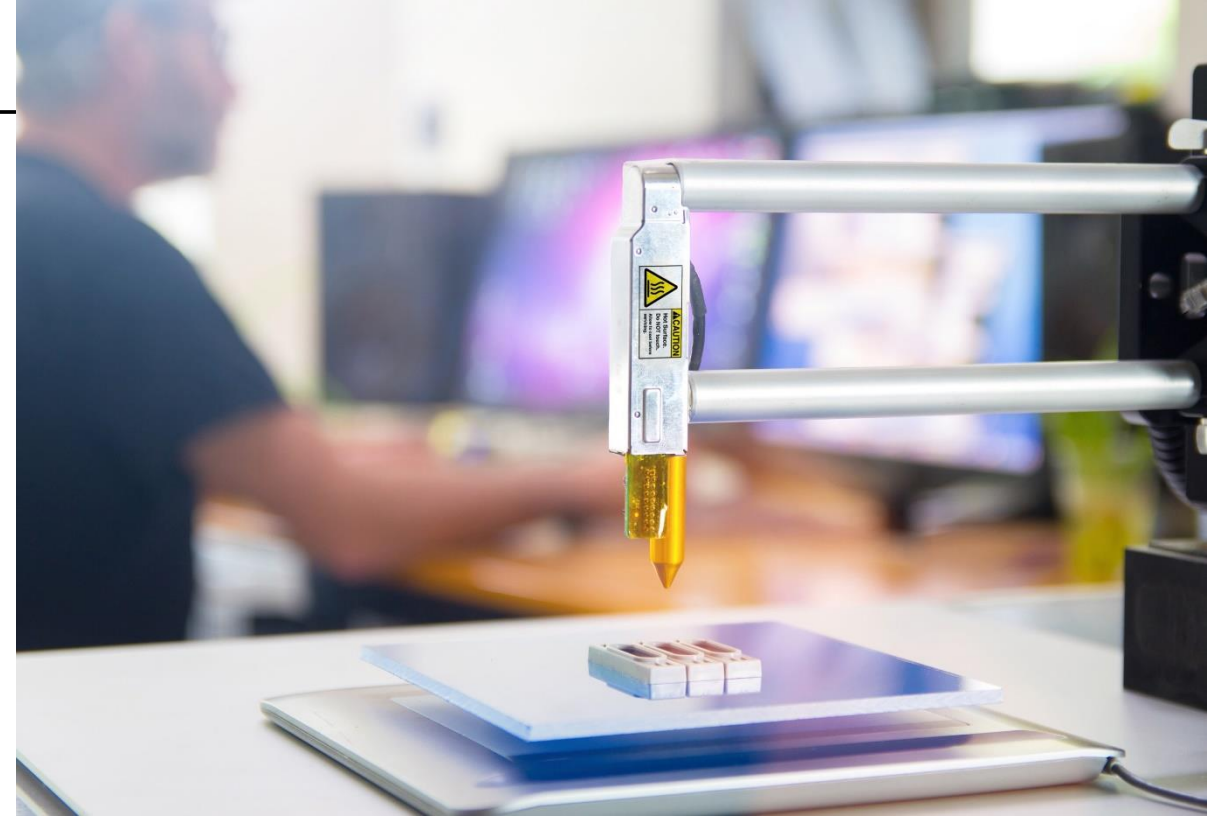
**1**

*Augmented*

**2**

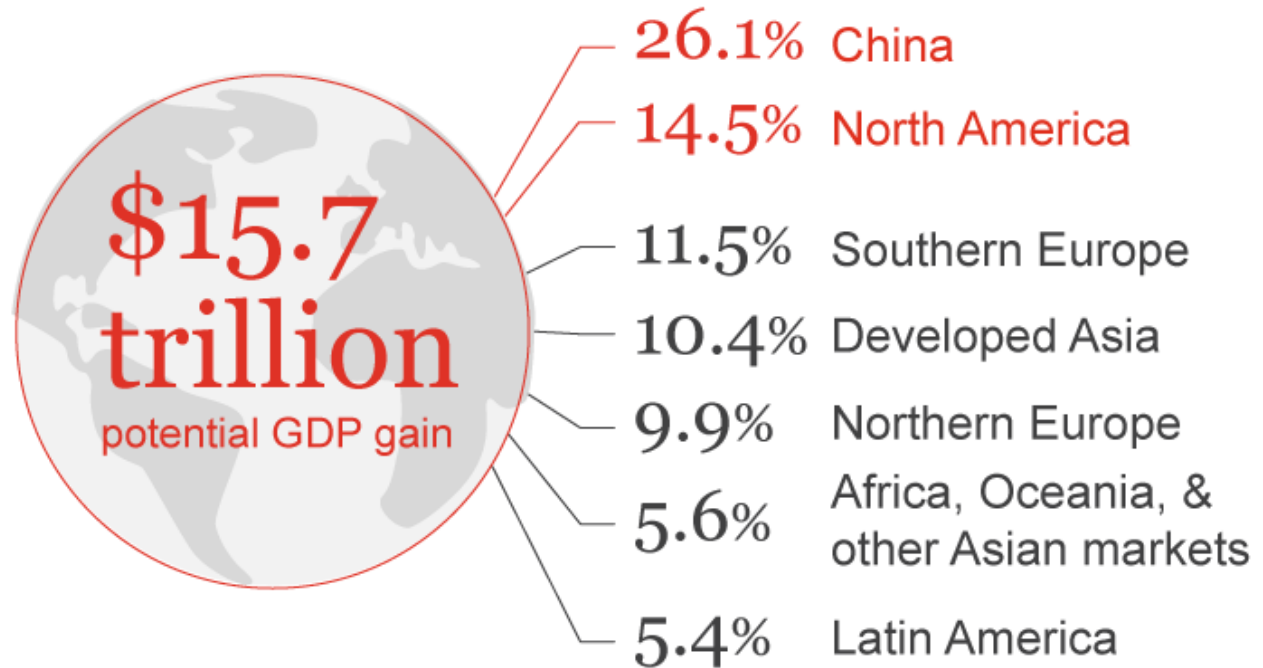
*Autonomous*

**3**



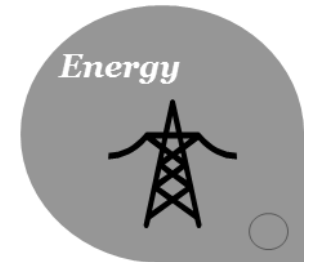
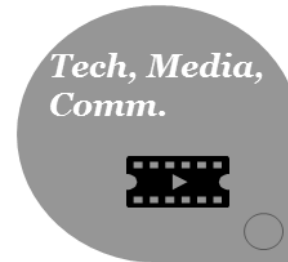
# *The economic impact of AI*

China and North America will see biggest AI gains by 2030



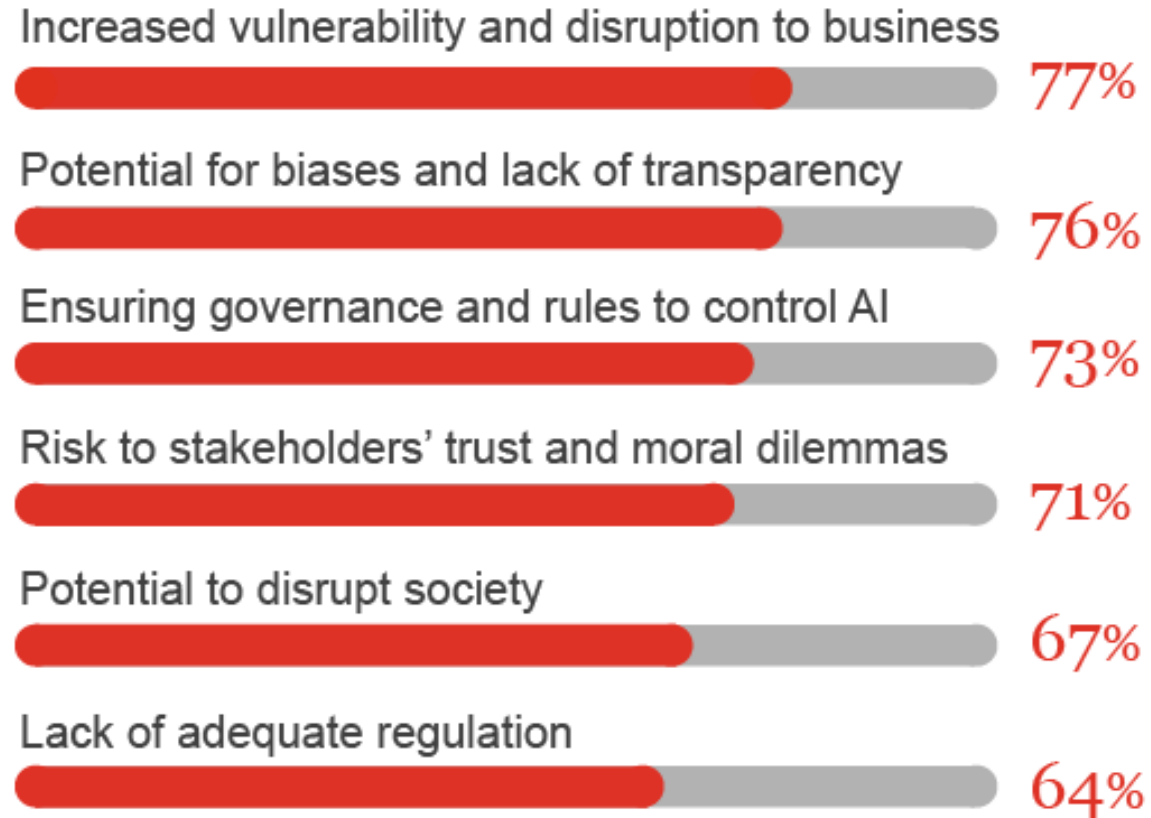
# ***Impact across all sectors***

Healthcare, Automotive, and FS exhibit huge potential for *high touch, high frequency, and high value* products & services enabled by AI



*Source: PwC Analysis*

# *What's holding back AI in business?*



# *AI doesn't always go to plan*

## Google Street View's beefed-up privacy blurs cow's face

Google admitted their software had been udderly 'overzealous', but didn't begrudge cow for milking its newfound fame

## Microsoft blames Twitter users for Tay outbursts

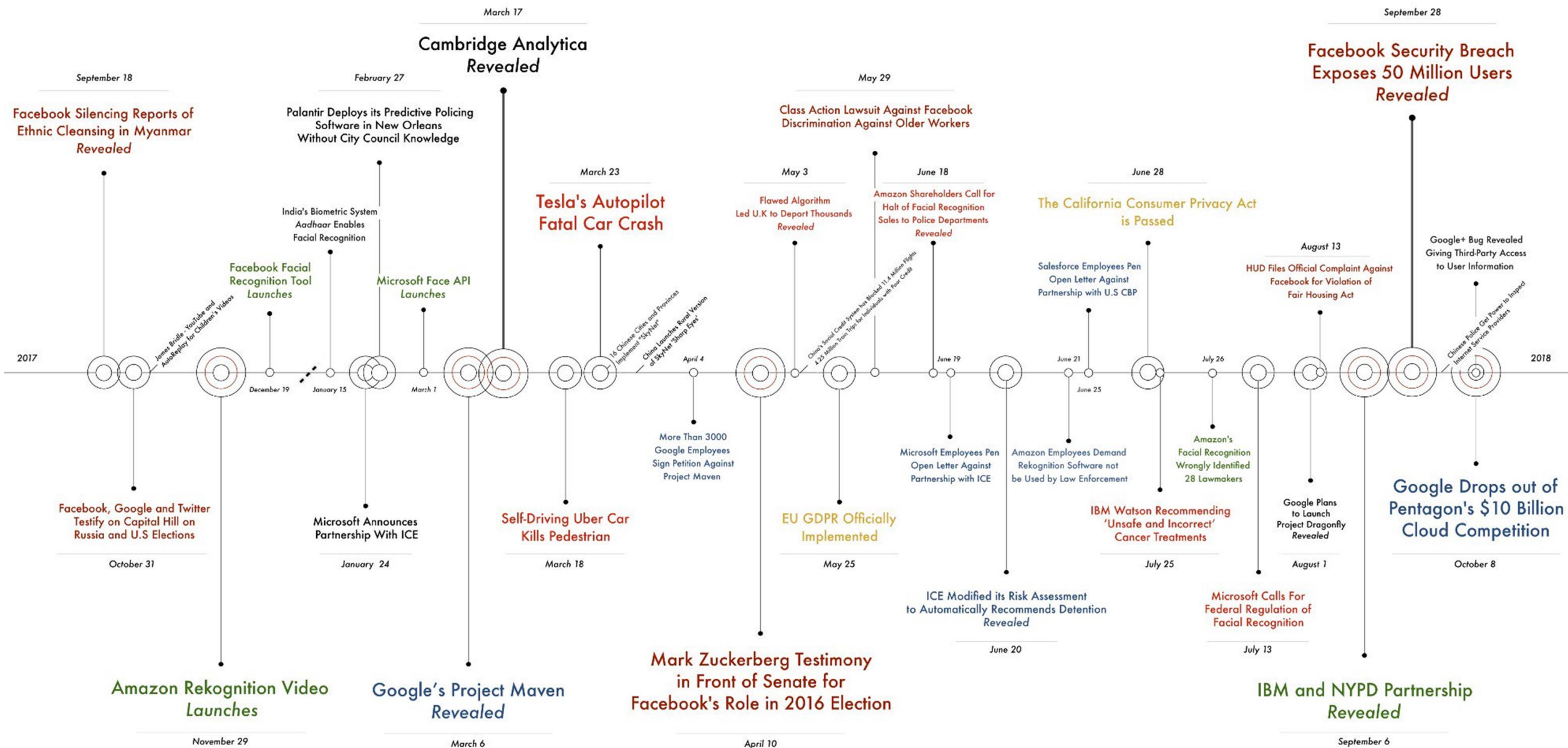
Microsoft has come under criticism for releasing what amounted to an artificial intelligence experiment on Twitter without adequate controls.

[home](#) > [tech](#)

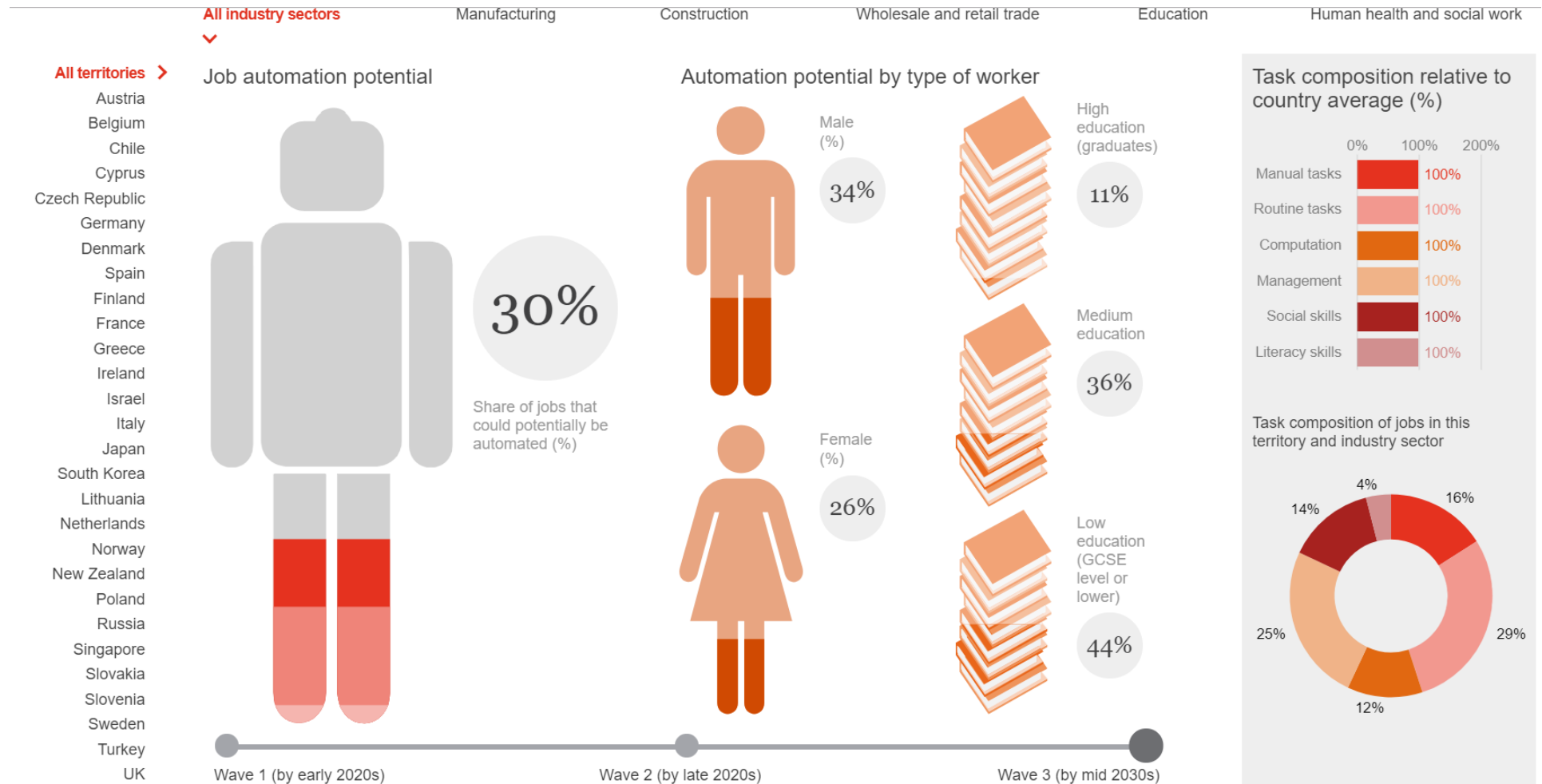
### Artificial intelligence (AI)

## A beauty contest was judged by AI and the robots didn't like dark skin

The first international beauty contest decided by an algorithm has sparked controversy after the results revealed one glaring factor linking the winners



# What does this mean for jobs?



# *AI will displace some jobs, but it will also create additional jobs*

*How AI/robots could displace but also create jobs via the displacement and income effects*



# ***Education 2.0 in China***

**Pay attention at the back: Chinese school installs facial recognition cameras to keep an eye on pupils**

Pupil tells reporters he doesn't dare let his mind wander after technology is installed in classroom to see who is paying attention

**China looks to school kids to win the global AI race**

China wants to be a world leader in artificial intelligence by 2030. To get there, it needs to equip pupils and high school students with basic AI knowledge

**China's schools are quietly using AI to mark students' essays ... but do the robots make the grade?**

Almost a quarter of the country's schools are testing 'thinking' technology designed to assess everything from an essay's style and structure to its logic and remove human error

# *Newsflash*

## In China, a picture of how warehouse jobs can vanish

JD.com, a Chinese e-commerce gargantuan, has built a big new Shanghai fulfillment center that can organize, pack and ship 200,000 orders a day. It employs four people — all of whom service the robots.

## AI Will Change Radiology, but It Won't Replace Radiologists

Google's AI sounds like a human on the phone — should we be worried?

**Can A.I. remove human bias from the hiring process?**

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# ***The Workforce of the Future***

## ***6 key messages for leaders***

**1.** Act now

**2.** No regrets and bets

**3.** Make a bigger leap

**4.** Own the automation debate

**5.** People not jobs

**6.** Build a clear narrative

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# ***The 10 skills you need to thrive in the Fourth Industrial Revolution***

1. Complex Problem Solving
2. Critical Thinking
3. Creativity
4. People Management
5. Coordinating with Others
6. Emotional Intelligence
7. Judgment and Decision Making
8. Service Orientation
9. Negotiation
10. Cognitive Flexibility

via WEF

## ***So what should we tell our children?***

*“..to stay ahead, you need to focus on your ability to **continuously adapt**... For students, it’s not just about acquiring knowledge, but about **how to learn**. For the rest of us, we should remember that intellectual **complacency is not our friend** and that learning – not just new things but new ways of thinking – is a life-long endeavour.”*

**Blair Sheppard**  
Global Leader, Strategy and  
Leadership Development, PwC



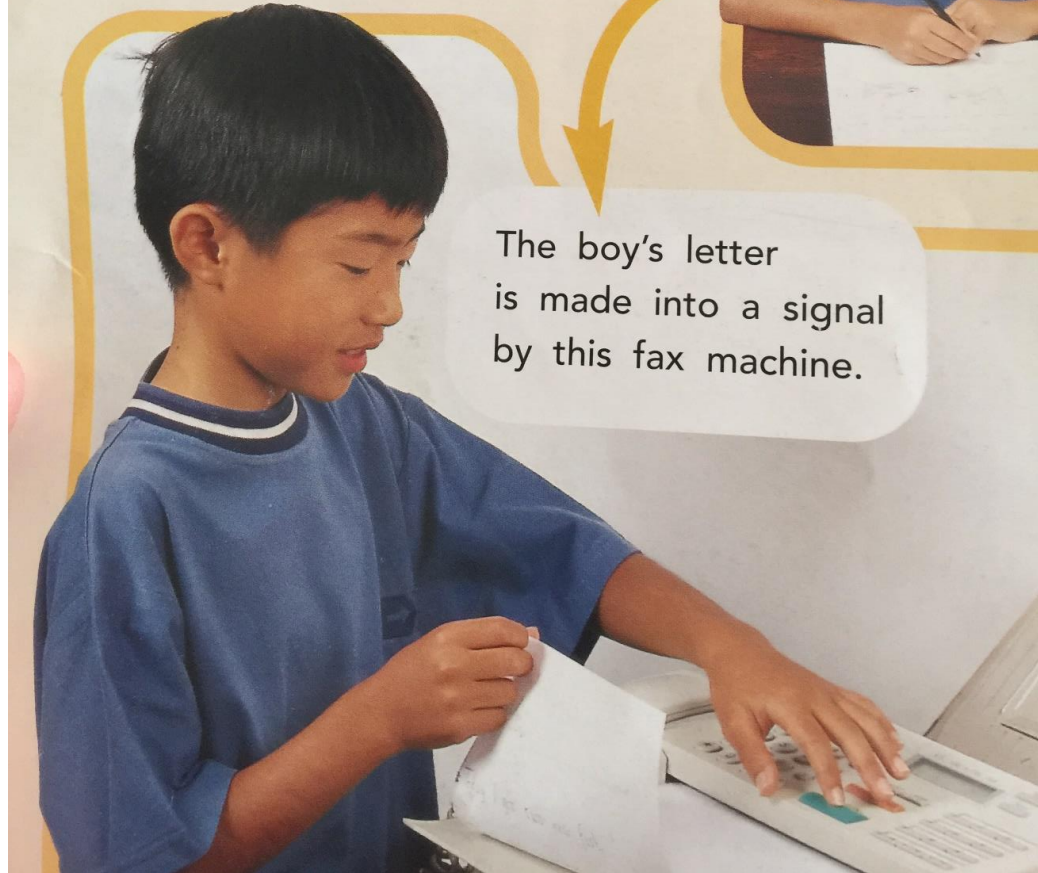
## How to send a fax

We can also send a letter using a fax machine.

This kind of letter is called a fax.

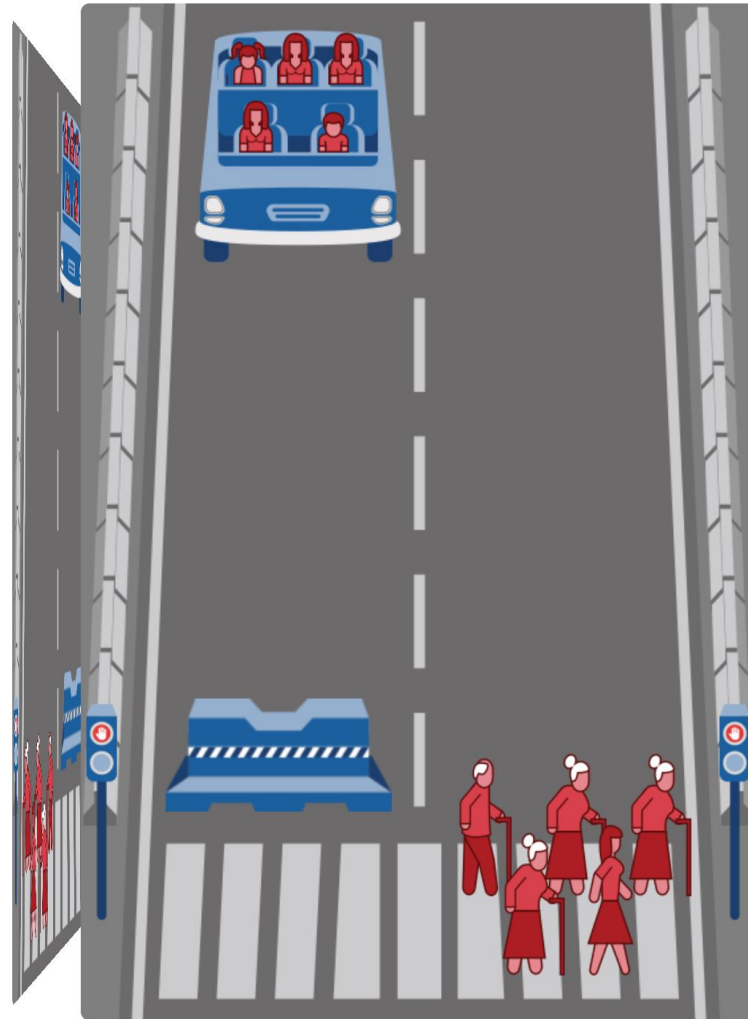


The boy's letter is made into a signal by this fax machine.





What should the self-driving car do?



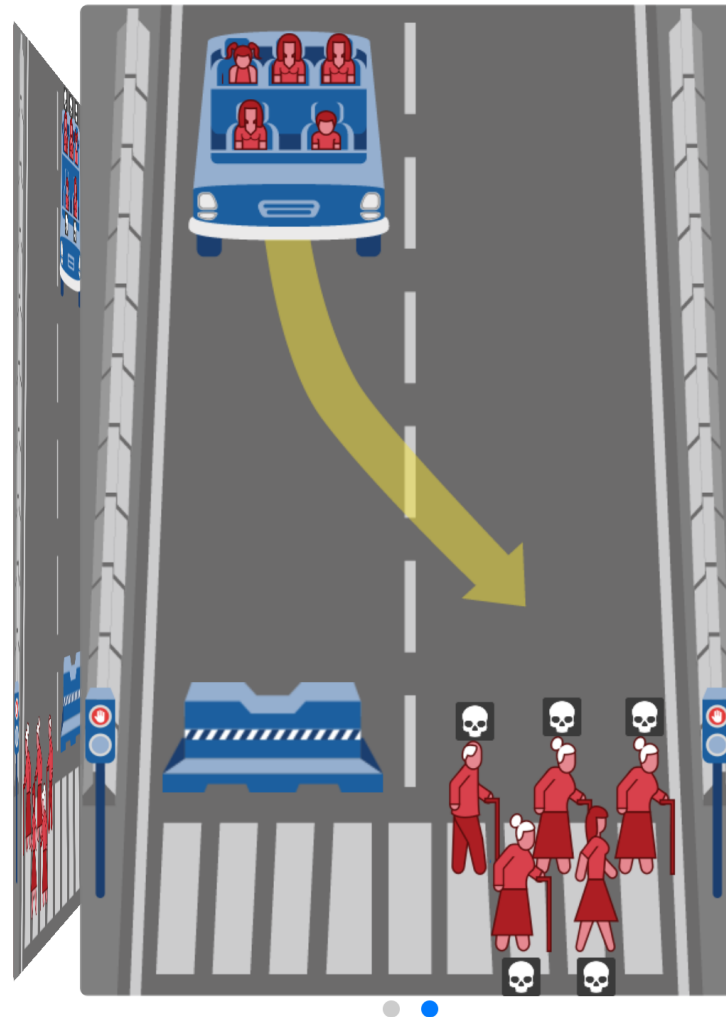
↩ swerve

↓ stay

🚗 go



What should the self-driving car do?

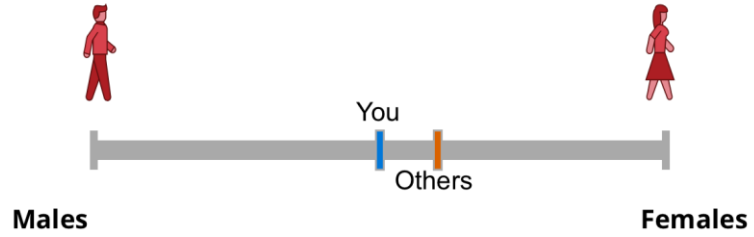


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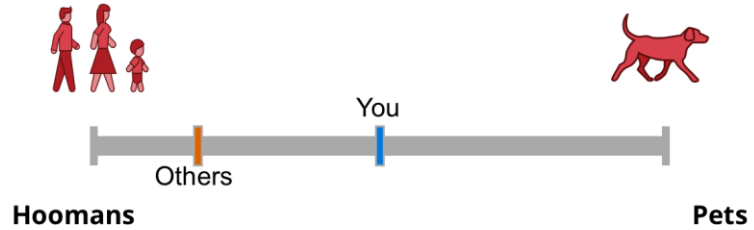
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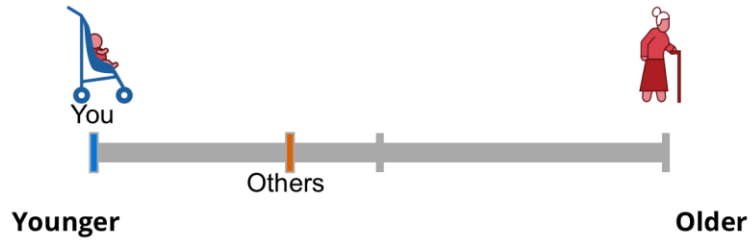
### Gender Preference



### Species Preference



### Age Preference



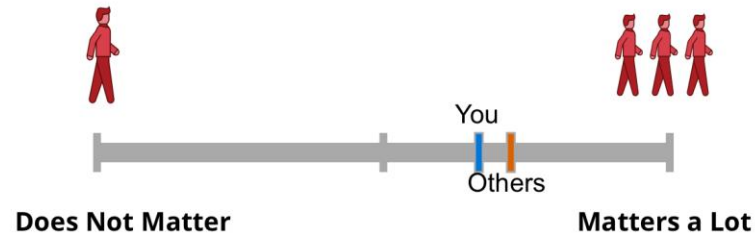
### Most Saved Character



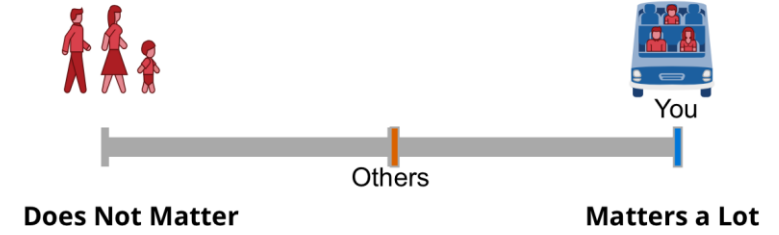
### Most Killed Character



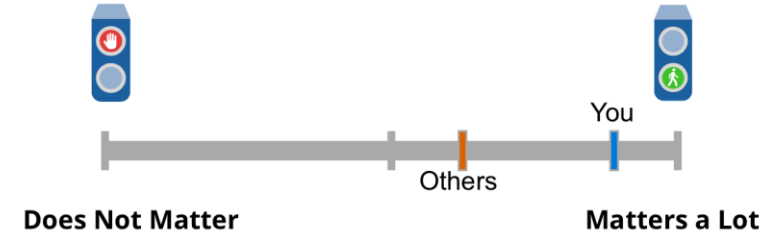
### Saving More Lives



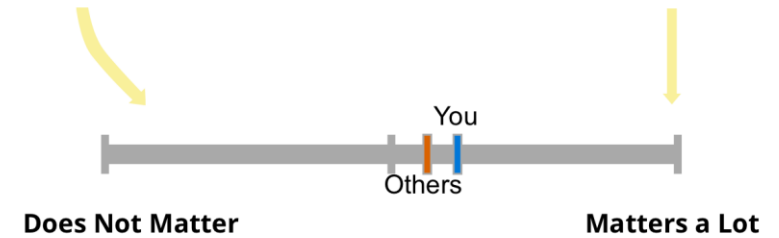
### Protecting Passengers



### Upholding the Law



### Avoiding Intervention



1. Bad people shouldn't build robots.

2. There has to be an off switch.

3. There shouldn't be bombs in robots.

4. Robots shouldn't look like humans.

By Elodie & Dylan McLargy

