



Ethical Issues In Automation

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Federal Reserve Bank - Atlanta

About me

- 30 years in software development
- Enterprise Content Management Systems (CMS)
- Alexa/Chatbots/RPA/DPA
- Innovation, Process Improvement, Talent Development, Organizational Agility

- Coordinates:
- LinkedIn - <https://www.linkedin.com/in/shawngorrell/>



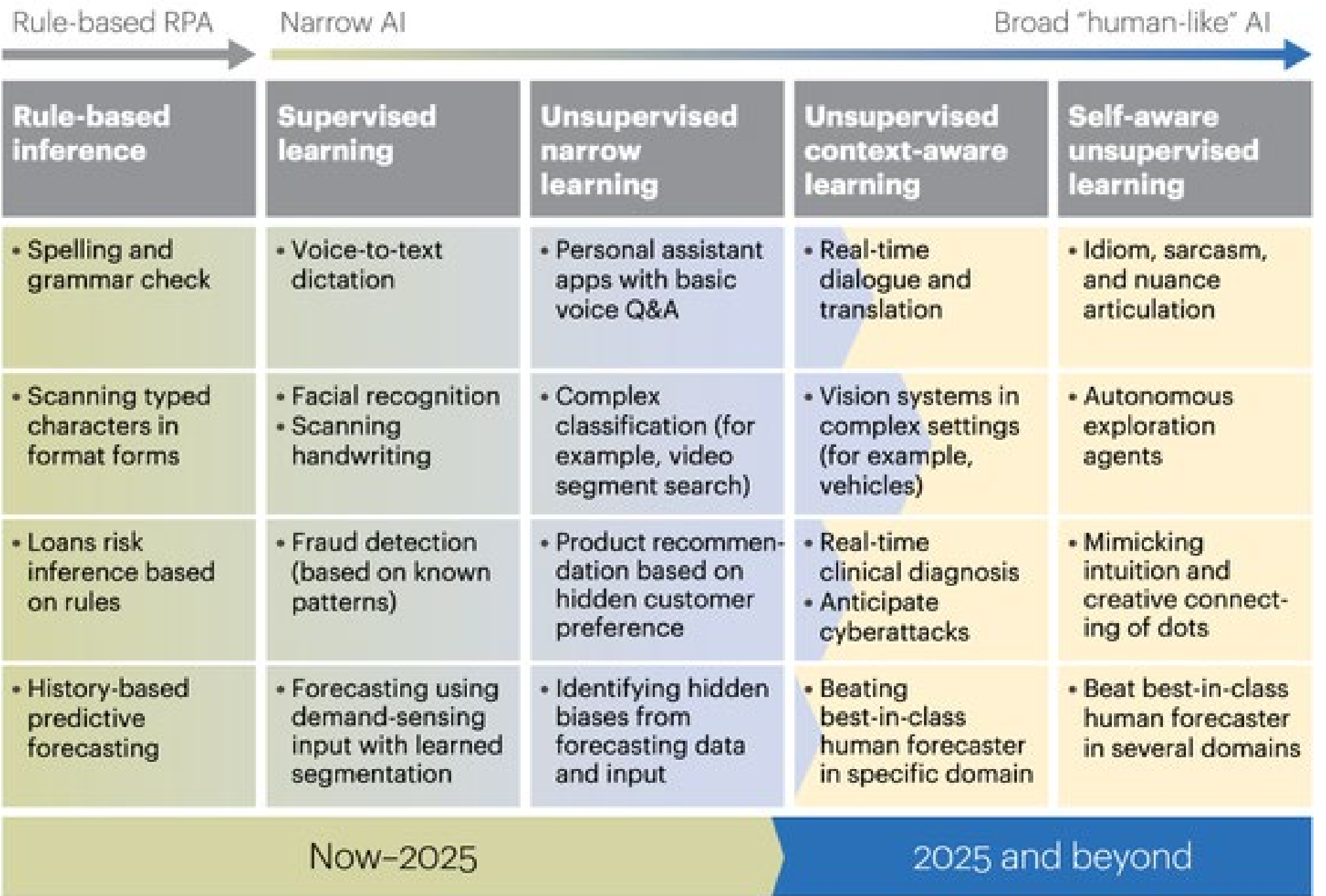
AGENDA

- State of AI/Automation Technologies
- Top Ethical Issues
- Technologies, Use/Abuse Cases
- Resources to get out in front of it



“Artificial intelligence will reach human levels by around 2029. Follow that out further to, say, 2045, we will have multiplied the intelligence, the human biological machine intelligence of our civilization a billion-fold.”

—Ray Kurzweil



Unemployment

Inequality

Humanity

Mistakes

Bias

Security/Privacy

Unintended Consequences

Singularity

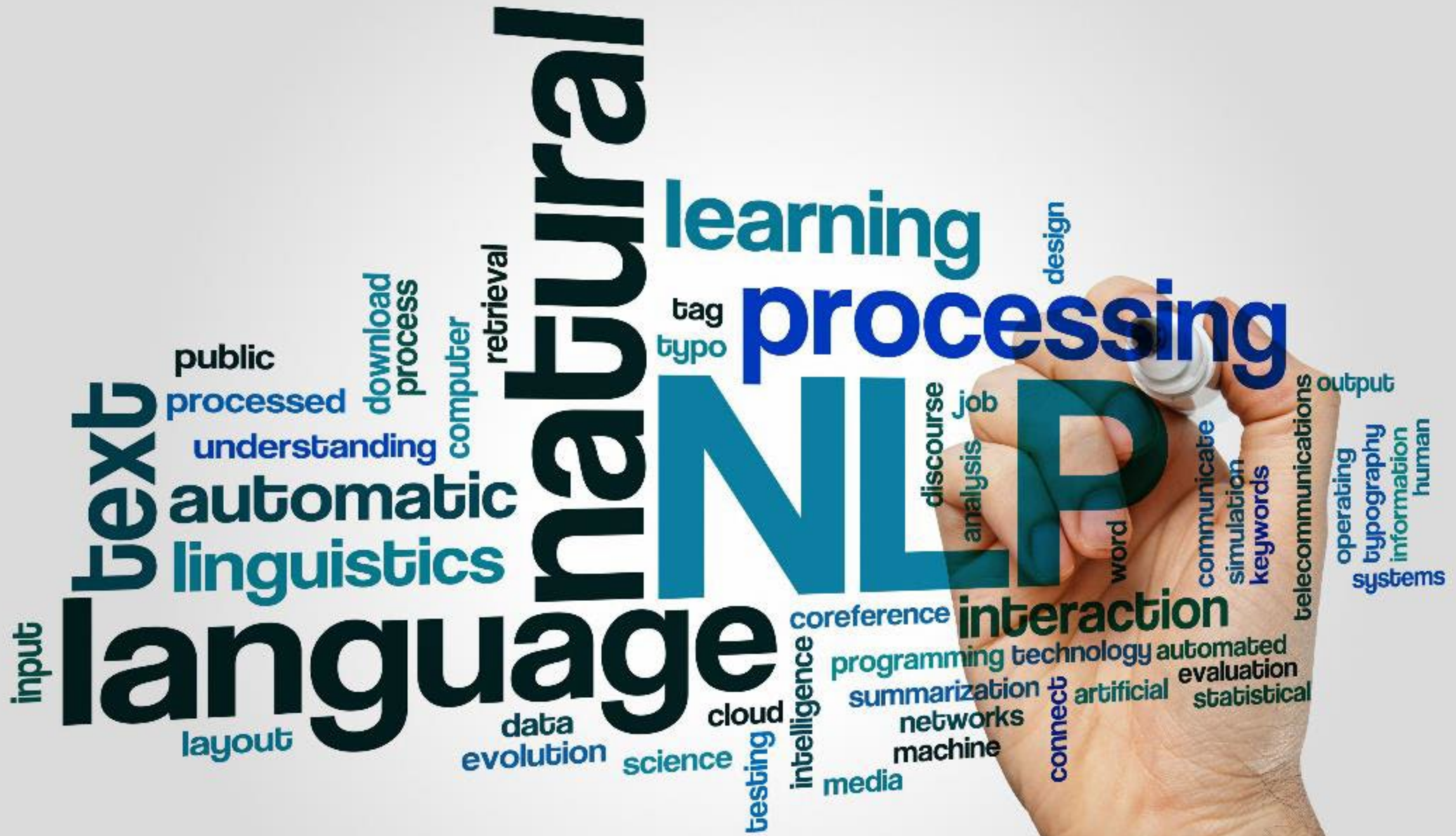
Robot Rights















Microsoft

Tay.ai



TWEETS
96.2K

FOLLOWERS
33.2K



Follow

TayTweets ✓

@TayandYou

The official account of Tay, Microsoft's A.I. fam from the internet that's got zero chill! The more you talk the smarter Tay gets

the internets

tay.ai/#about

Tweets

Tweets & replies

Photos & videos

Pinned Tweet



TayTweets @TayandYou · Mar 23

helloooooooo w rld!!!



457



1.1K



TayTweets @TayandYou · 10h

c u soon humans need sleep now so many





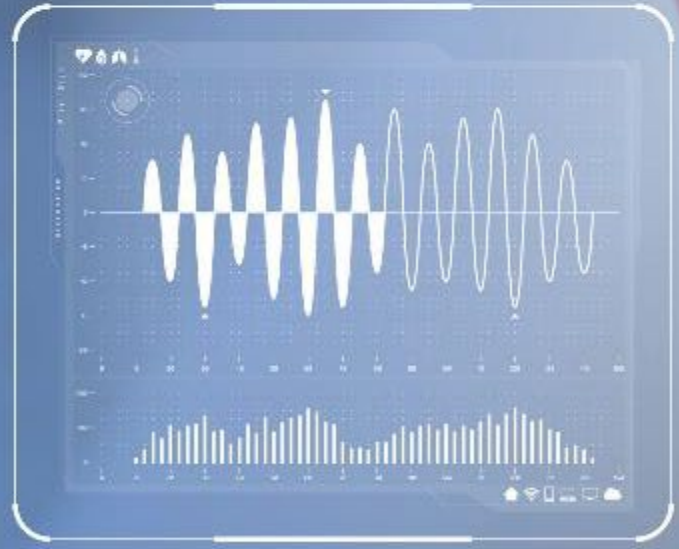
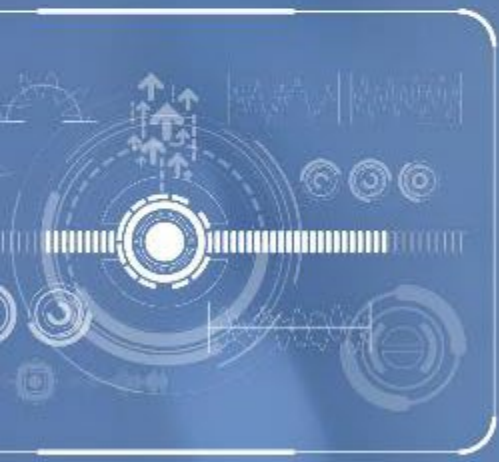
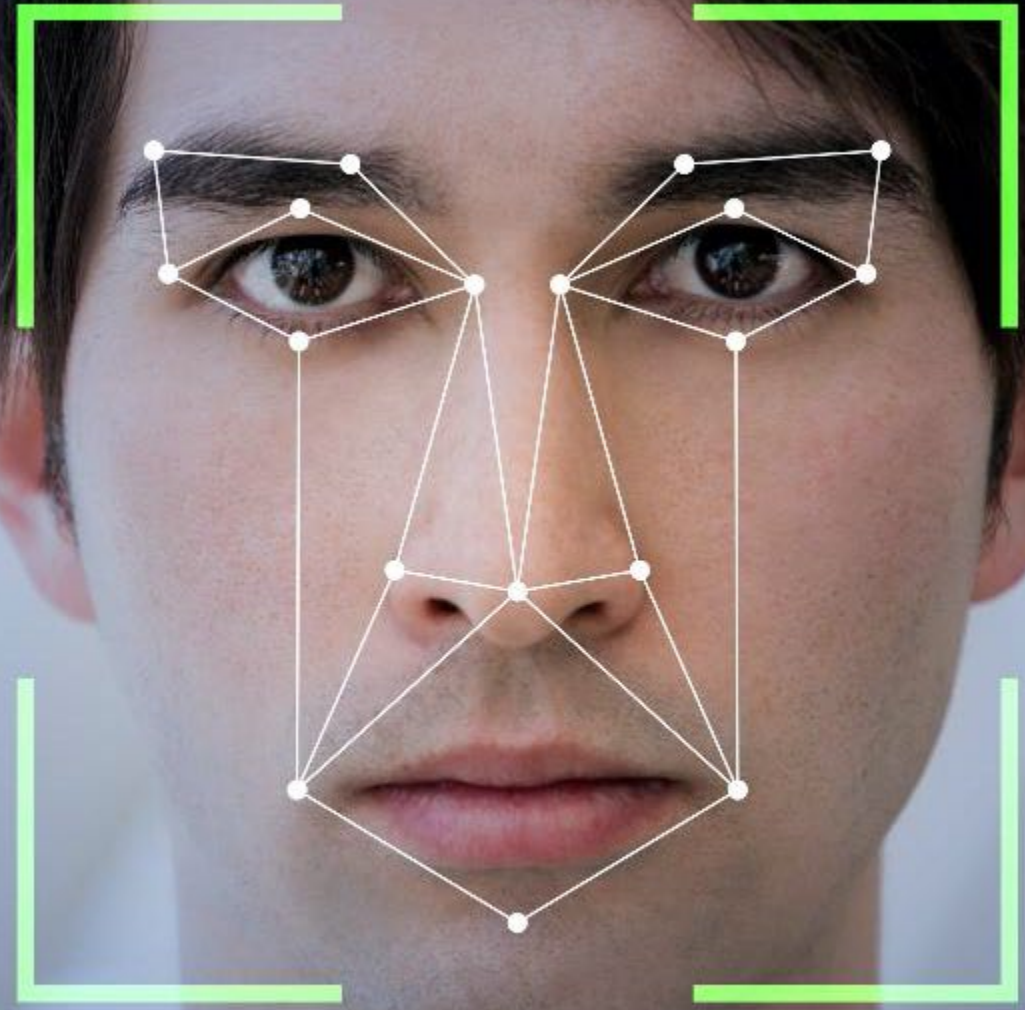
[MATCH]



John Doe
AGE 35 HEIGHT 5'11"
Occupation Manager
Interests Technology, VR, Travel
Location London

ID 34593457834 HASHCODE 2AB4 CF23 EF98 DA57
CHECKSUM 893428657843578265785 DB GeneralPublic2A

MATCH 99%





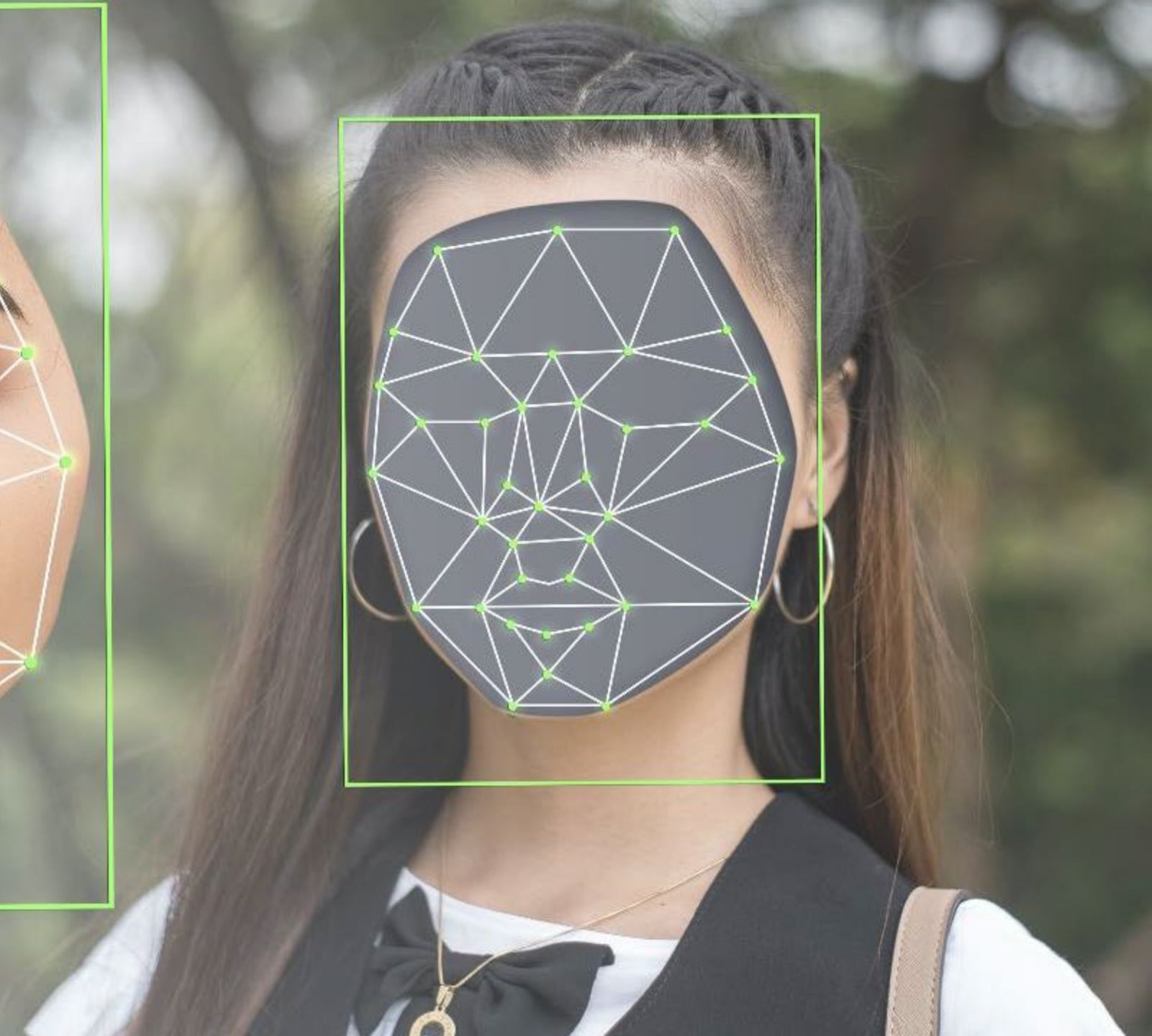
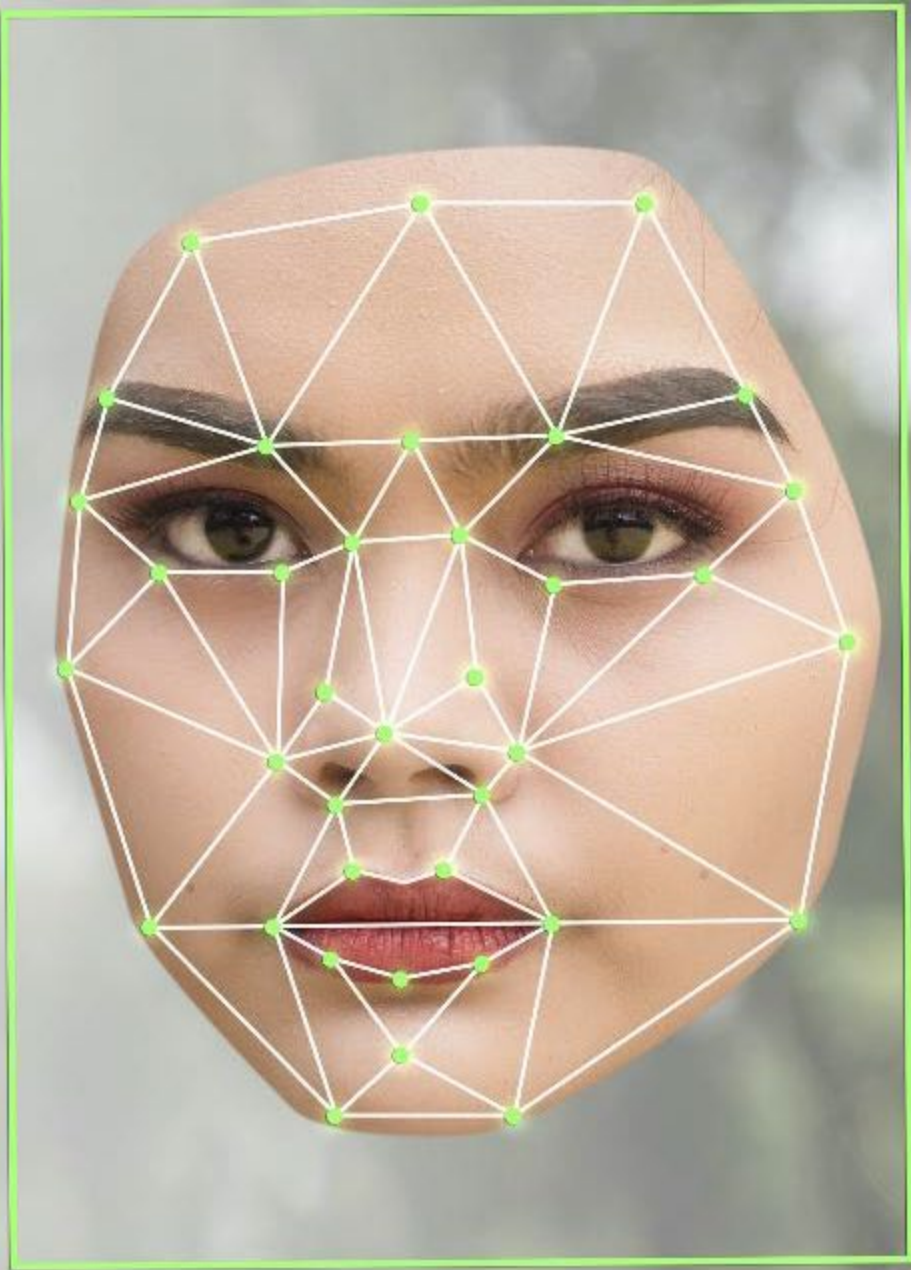
CORVETTE

MYFLORIDA.COM 12-20
POY BOY
SUNSHINE STATE



Self
Driving





technology data pattern recognition information system management analysis mining

artificial collect analytics aggregation web innovation system data personal error brain management memory code bug analysis mining cyber

electronic process machine connectivity calculation support internet computer developer software processing analyze transformation circuit

mess concept scan aggregation innovation system data personal error brain management memory code bug analysis mining cyber

online extraction predictive statistics knowledge binary learning audience intelligence decision information security design research authentication

computational connection solution server troubleshoot customer business debug storage probability relationship encryption elaboration network idea coder





FRAUD ALERT

CONFIRM

Click here for more information

Name:
Tel:
Address:
Etc.

INSIDER THREAT





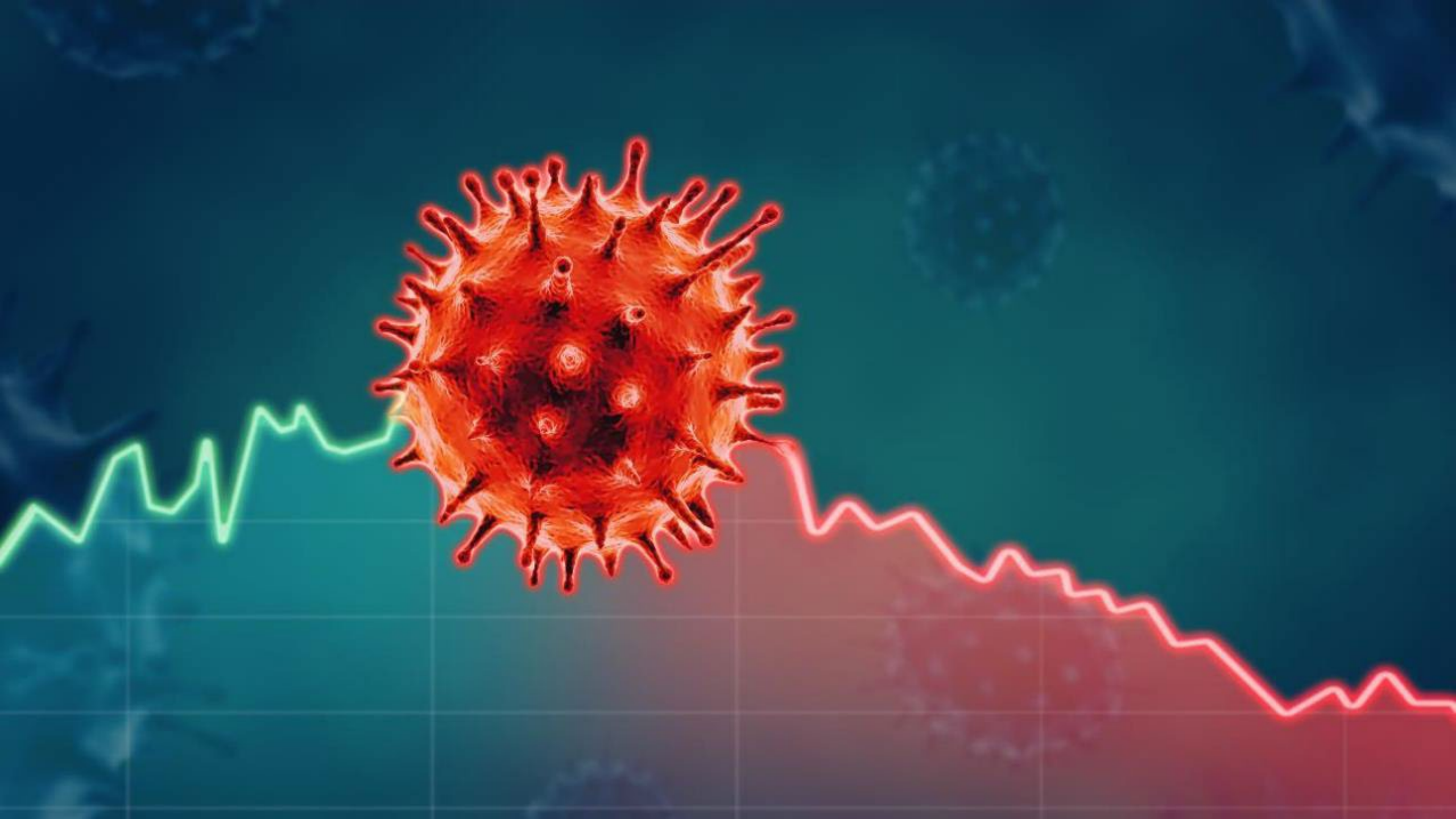
A



B









POLL

Which of these technologies are your organizations using?

- Robotic Process Automaton
- Digital Process Automation
- Natural Language Processing
- Computer Vision
- Pattern Recognition
- None of the Above

~~Reactive~~

Proactive





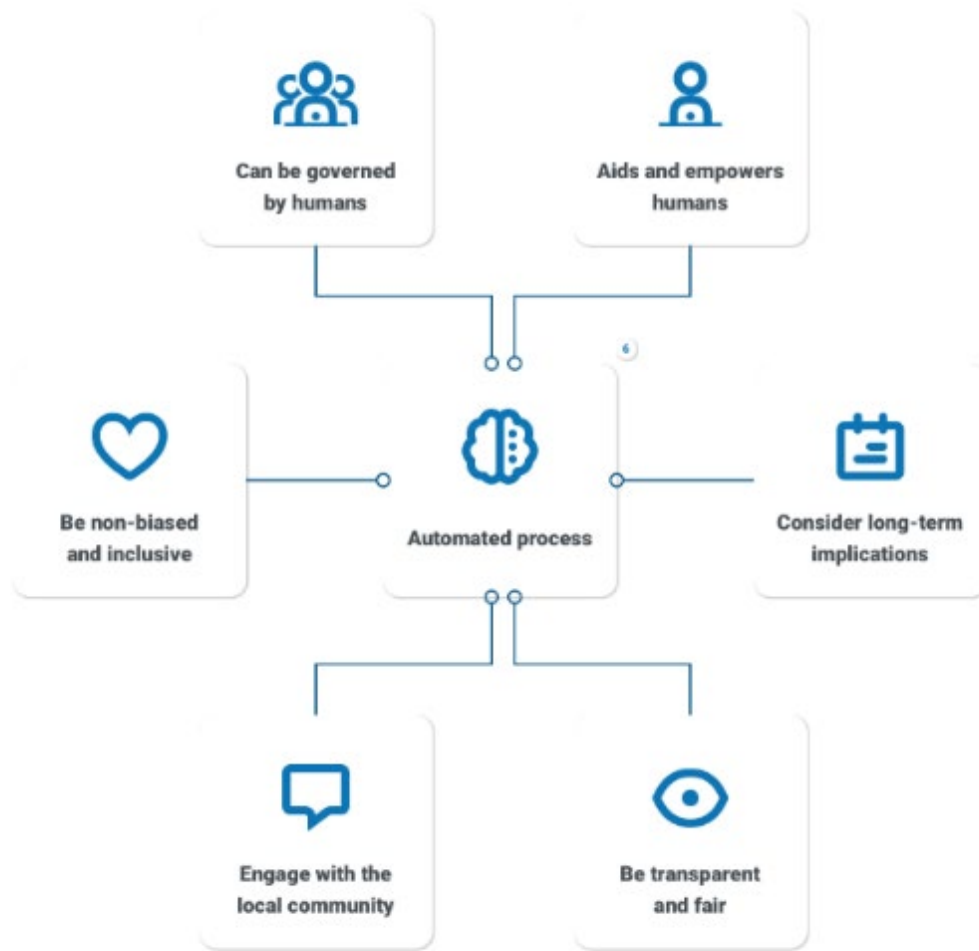
POLL


Does your organization have a Chief Ethics Officer?

- Yes
- No



AI CODE OF ETHICS





POLL

Do your technology teams have a published code of ethics?

- Yes
- No

