

# Agenda

- Introductions
- Basics of AI/ML
- Capabilities of AI/ML
  - √ The Good
  - √ The Bad
  - √The Ugly
- How bias creeps in
- Strategies to address
- Call to Action
- Keeping up to date



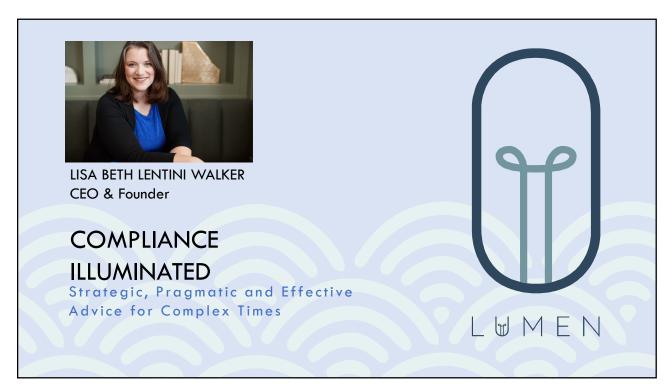




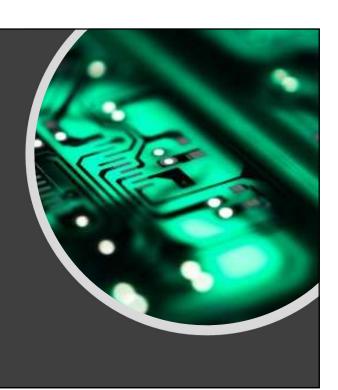
Director, Organizational Ethics & Compliance

**COLLEEN DORSEY, JD** 

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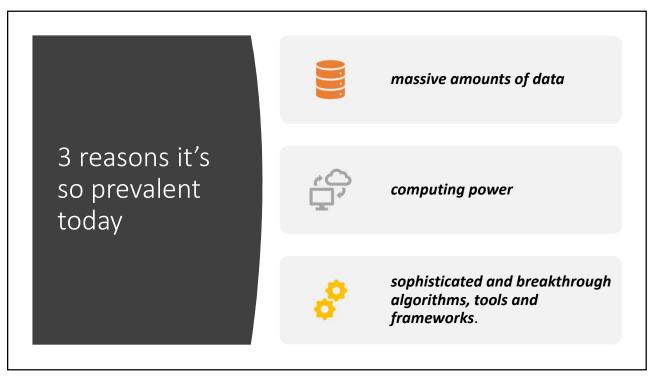


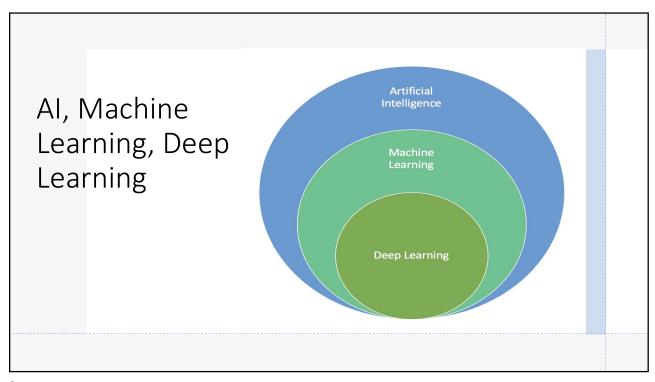


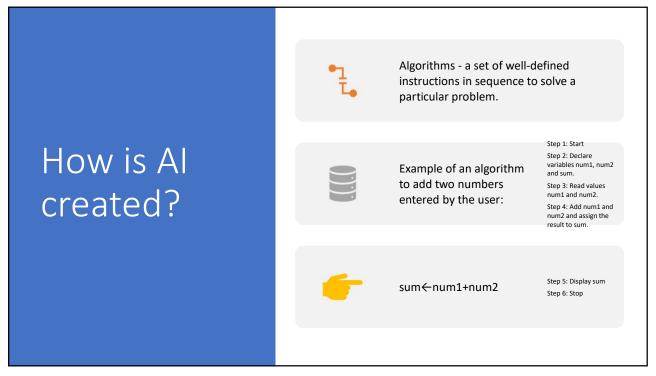
What is all the fuss about?

Al has been around since the 1930's





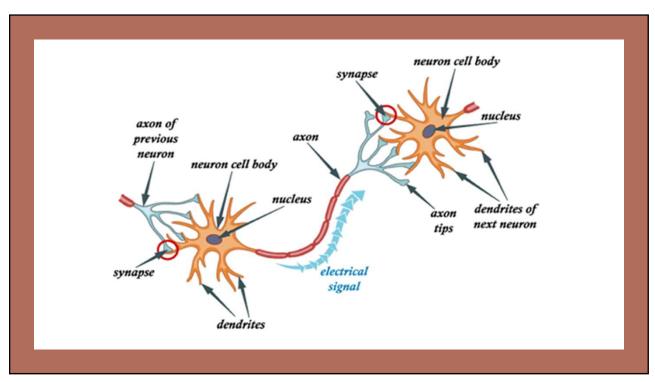


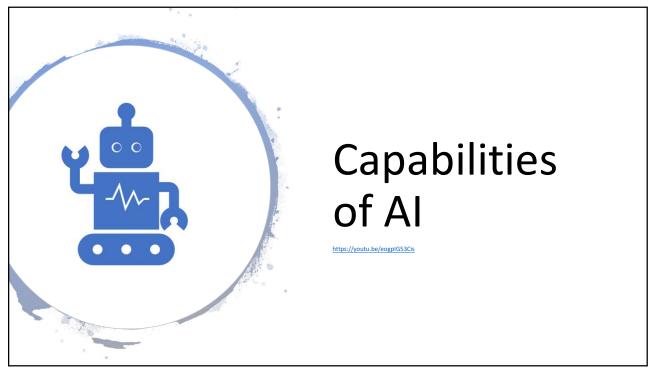


# How is ML created? The TRAINING DATA creates the algorithm that matches the inputs to the outputs. With the results of that TRAINING DATA, we have a MODEL With a MODEL, new inputs can be put into the model to get the outputs which are the computer's best guess at whether the image is a dog or not.

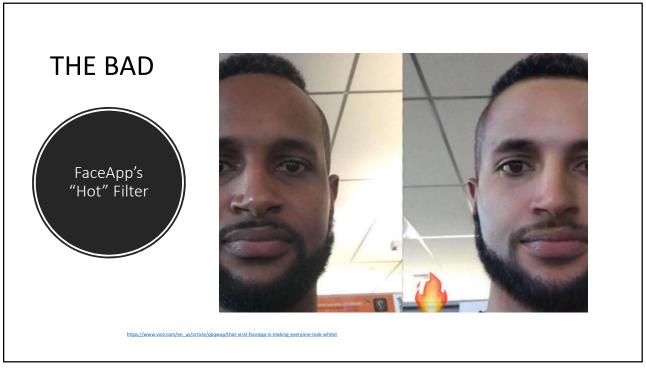
How advanced has Al become?

Developers have created Artificial Neural Networks (ANN) that mimic how the human brain processes information









# The Ugly

The New York Times

### The Secretive Company That Might End Privacy as We Know It

A little-known start-up helps law enforcement match photos of unknown people to their online images — and "might lead to a dystopian future or something," a backer says.



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# How Bias Creeps in



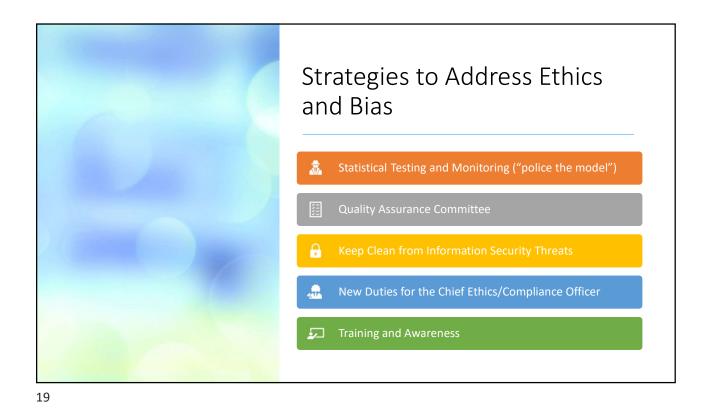
BIAS IN DESIGN



BIAS IN DATA

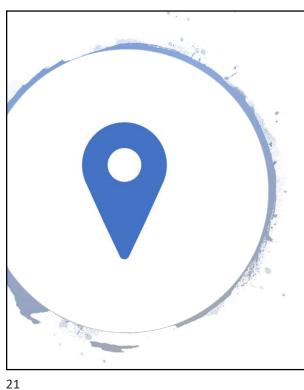


BIAS IN SELECTION



# Call to Action

Be proactive in considering the ethical implications of AI and how it may impact your duties and responsibilities



## Keeping up to date...

• <a href="http://wilkins.law.harvard">http://wilkins.law.harvard</a>. edu/misc/PrincipledAl\_Fin alGraphic.jpg

