

AI in Your Life

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IBM



Dear Tech



Disruption is upon us



The biggest taxi company
owns no cars.



airbnb

The largest accommodation company
owns no real estate.



The largest retailer
carries no inventory.



The biggest media company
owns no content.

**artificial
intelligence**

AI @ Work



Big Data

Machine Learning

Deep Learning

Transfer Learning

Fairness & Bias Mitigation

How AI works

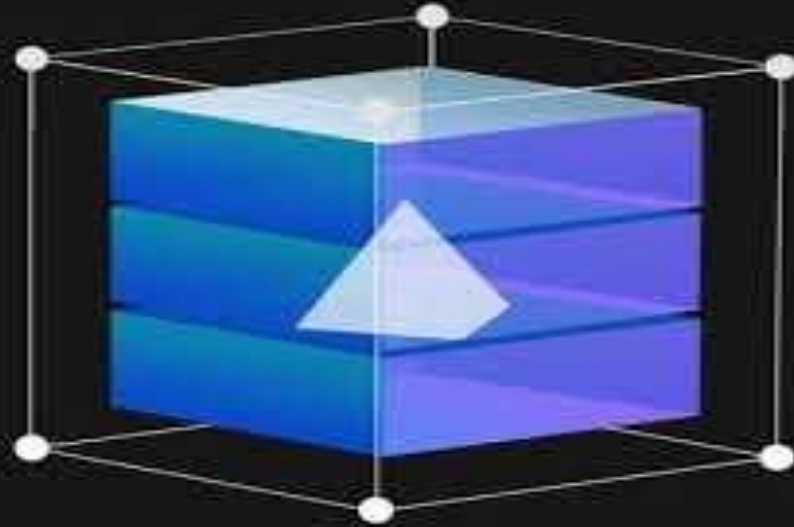


Consumer AI

VS.

AI for Business

AI in Business



IBM's Principles for Trust and Transparency

- The **purpose of AI** is to augment human intelligence
- Data and insights **belong to their creator**
- New technology, including AI systems, must be **transparent and explainable**

“Every organization that develops or uses AI, or hosts or processes data, must do so responsibly and transparently. Companies are being judged not just by how we use data, but by whether we are trusted stewards of other people’s data. Society will decide which companies it trusts.”

-Ginni Rometty, IBM Chairman, President and CEO

Trust and Transparency



Detect the Bias

<http://biasreduction.mybluemix.net/>

Detect the Bias

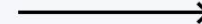
AI models are only as fair as their training data. Follow along as different AI models predict whether a defendant will commit another crime, and tell us if you think each prediction is fair or unfair. Then learn how IBM is working to reduce bias in AI by starting at the training data.



Data



Model



Decision

• Will Reoffend

OR

• Won't Reoffend

[Get Started](#)

AI Applications

Music



Fragrance



Football



Spices



Debates



GRAMMYConnect



<https://www.grammyconnect.com/>

Fantasy Football



Fragrance



discovering **untried combinations**

Spices

A woman with dark hair, wearing a white lab coat, is shown in a kitchen setting. She is looking slightly to her left and appears to be speaking. The background is blurred, showing kitchen shelves and equipment.

the better suggestions and better information

Project Debater

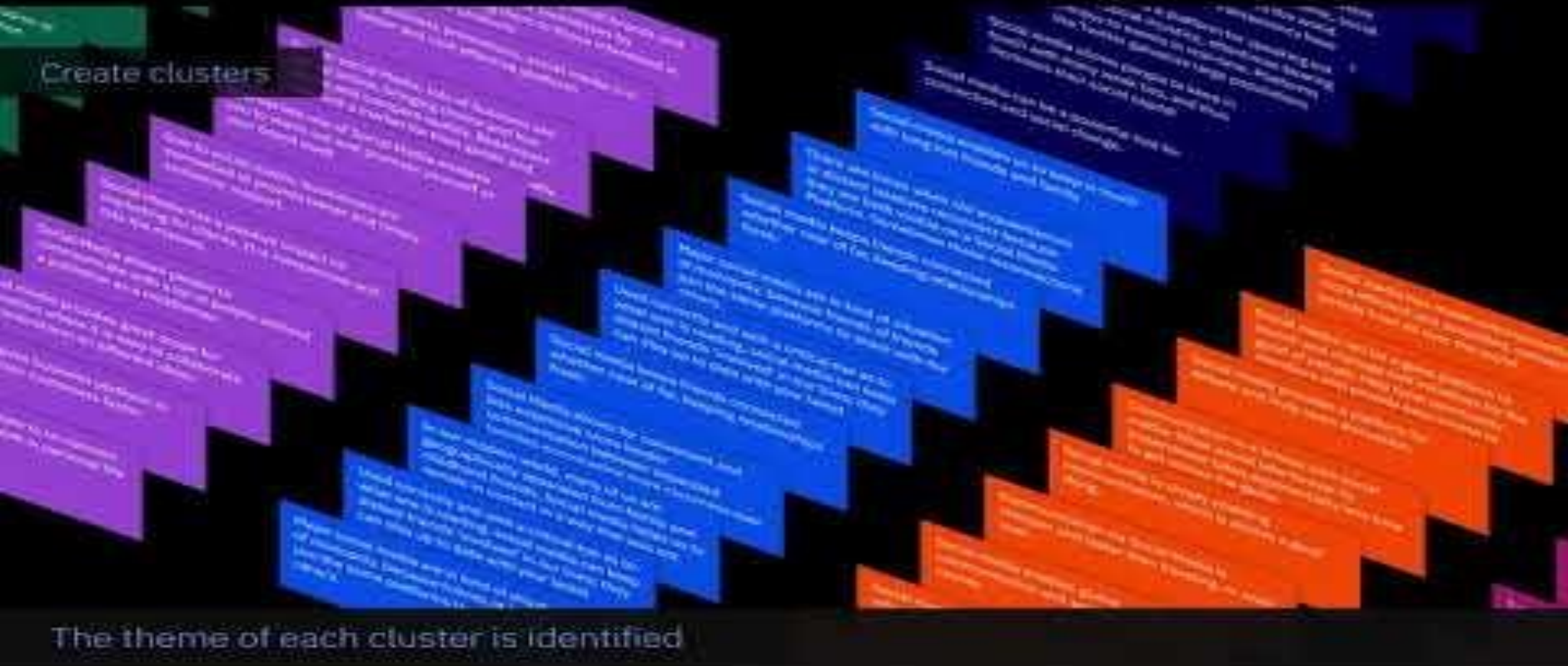
02:35:02

Project Debater

The next step is to listen to
the opponent's response,
digest it and build a rebuttal.



Project Debater: Speech by Crowd



What's Next?



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BADGES**

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portfolio



**EXPAND YOUR
KNOWLEDGE**

We have courses for all
skill levels



Earn badges as you learn

<https://cognitiveclass.ai/>

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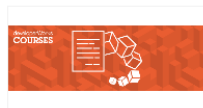
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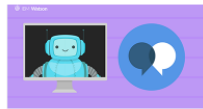
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Node-RED: basics to bots



Machine Learning with Python



Robots are coming! Build IoT apps with Watson AI, Swift, and Node-RED

