AI and the Catholic Church

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About Me:

- Parishioner at SS Cyril and Methodius
- Been with Microsoft 27 years
- Focus on Cybersecurity
- Represent Microsoft on Rome Call for AI Ethics.

What is AI?

In short, it is using Probability at a MASSIVE scale
Produces something never seen before.

BOX	97		
RUG	3		
WINDOW	1		

FAMILY FEUD
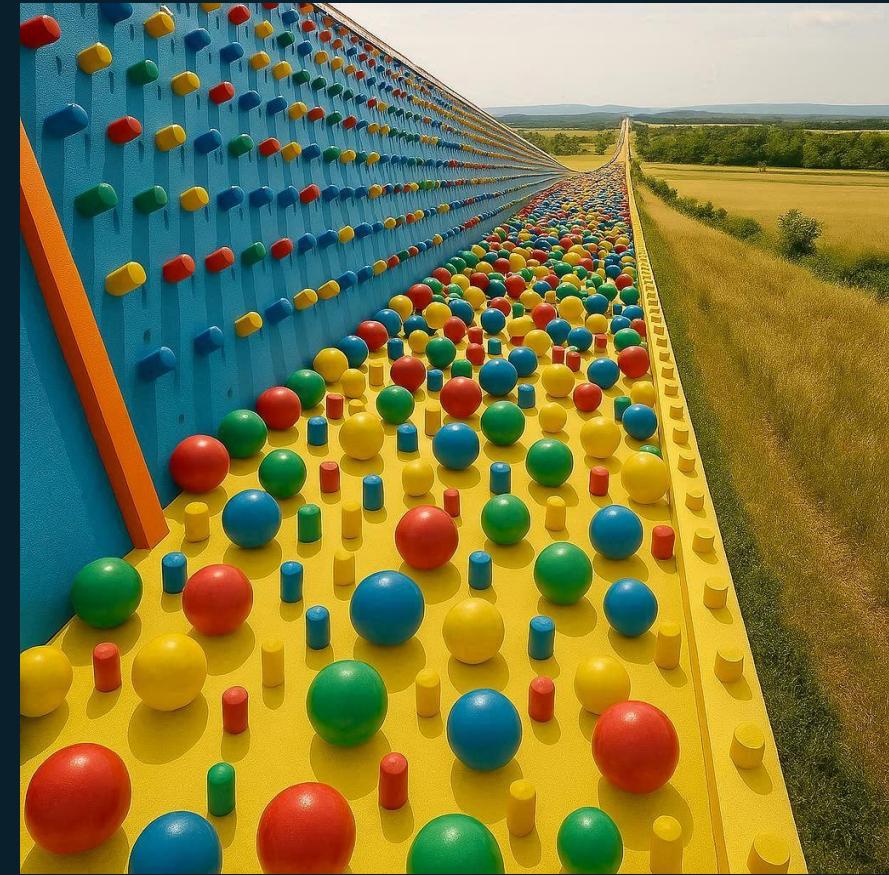
I have a box. My cat likes to sleep in the _____

AI and Society

Societal expectations are increasing

The New York Times

A.I. Is Mastering Language. Should We Trust What It Says?

OpenAI's GPT-3 and other neural nets can now write original prose with mind-boggling fluency — a development that could have profound implications for the future.

EdTech Focus On K–12
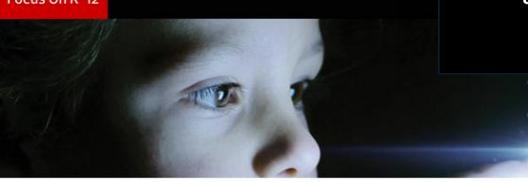
Can Administrators Ensure the Ethical Use of AI in K—12 Education?

School and IT leaders should consider these questions before investing in artificial intelligence and machine learning technologies for the classroom.

Bloomberg Law

Disability Bias in AI Hiring Tools Targeted in US Guidance (1)

Yale SCHOOL OF MEDICINE

How Do Patients Feel About Using AI in Health Care?

The world today...

AI **innovation** is occurring at a rapid pace
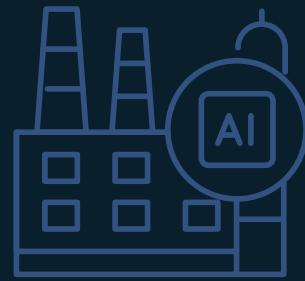
Companies are accelerating **adoption** of AI

Societal expectations are **evolving**

Governments are **regulating** AI in response

The Catholic Response

Rome Call for AI Ethics

A framework created by the Vatican in 2020 to set a roadmap for Ethical AI

Antiqua et Nova.

Document from Dicastery for Doctrine of the Faith and Dicastery for Culture

Rome Call Main Points

Fairness

Reliability & Safety

Privacy & Security

Inclusiveness

Transparency

Accountability

The Standard's Goals at a Glance

Accountability

A1: Impact Assessment

A2: What are the adverse impacts

A3: Fit for purpose

A4: Data governance and management

A5: Human oversight and control

Transparency

T1: Disclose when AI is used for decision making

T2: Communication to all involved

T3: Disclosure of AI interaction

Fairness

F1: Quality of service

F2: Who reaps the benefits

F3: Minimization of stereotyping, demeaning outputs

Reliability & Safety

RS1: Is it 'up' when it is desired?

RS2: How to recover from failures

RS3: Ongoing monitoring, feedback, and evaluation

Privacy & Security

PS1: Is Data protected?

PS2: Are the correct Security controls in place?

Inclusiveness

I1: Accessibility Standards compliance

Human Intelligence vs AI

Human Intelligence is Embodied

Human intelligence integrates sensory experience and emotional depth beyond mere data processing.

Ethical and Moral Judgment

Human cognition includes moral discernment and respect for rights, essential in complex decision-making.

Relational Intelligence and Community

Human intelligence thrives in dialogue and community, fostering creativity and cultural growth.

Distinct Role from AI

AI can augment but cannot replace uniquely human wisdom, virtue, and moral responsibility.
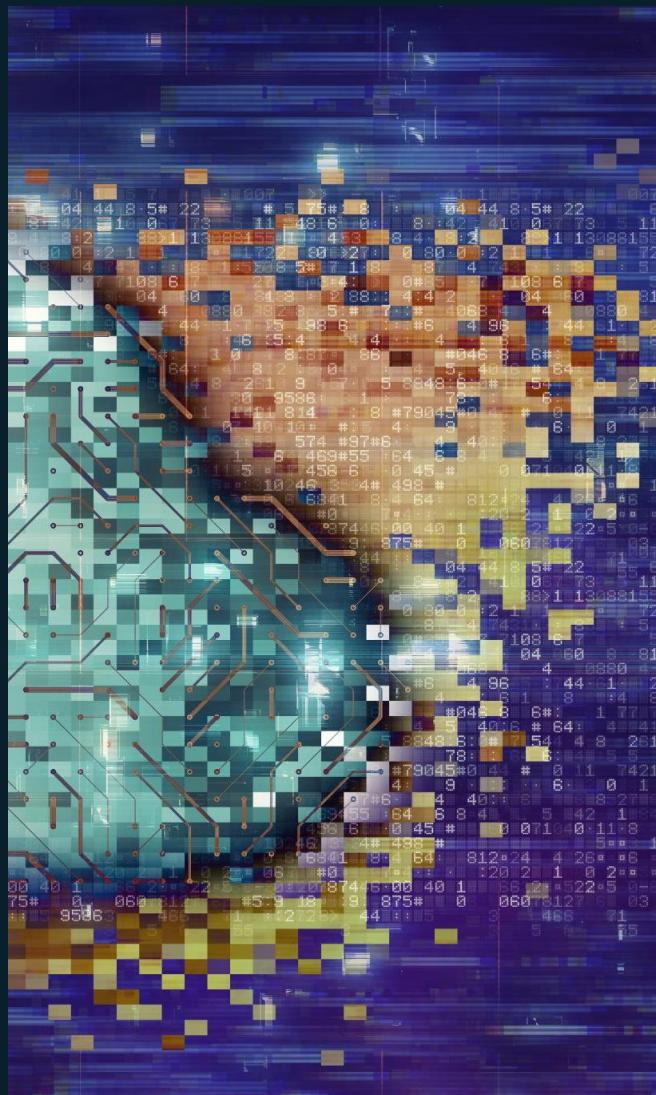
Limits of AI: Absence of Understanding and Morality

**Lack of Genuine Understanding**
AI has no real intelligence.

Absence of Moral Agency

AI cannot experience empathy, justice or mercy. It has no sense of ethical responsibility.

Need for Human Oversight

Responsible AI Considerations

Power Consumption\Environment
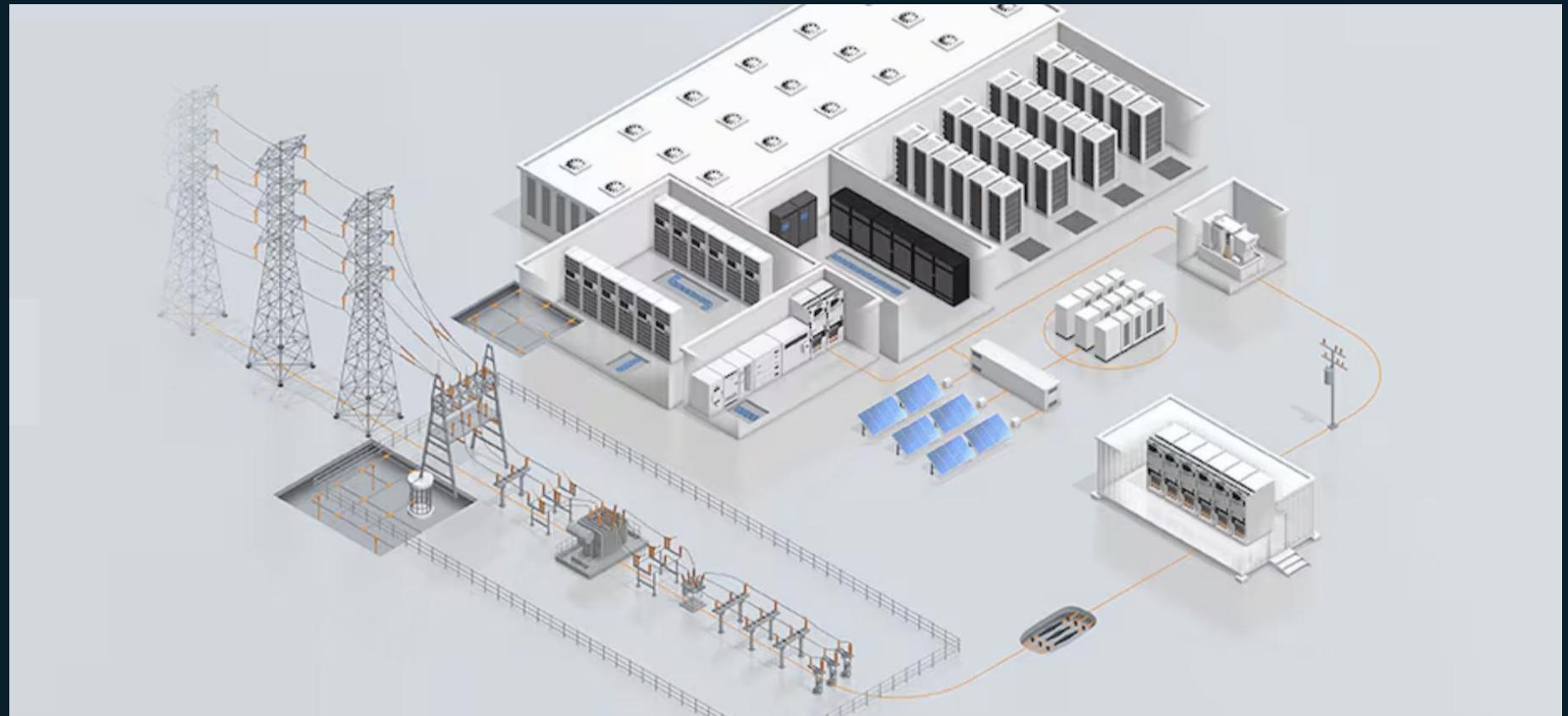
Economic Impact

Digital Divide

Digital Crime

Social Misuse

Questions?