

Online Educational Resources: Technology Governance*

Sharing knowledge is a powerful way to support our community. We believe access to no- or low-cost learning resources covering the technologies that impact our lives is vital to a healthy discourse and ensures that we can reduce the misinformation around emerging tech.

Here is a short list of courses available online at no cost or by subscription. This list is just a starting point, and we hope you will use it to start your journey into technology. Check back here as we will keep the list growing and feel free to nominate suggestions in the comments below.

Free:

[Google AI for Anyone](#) (12 hours)

- What AI is and isn't
- How AI, ML, Deep Learning all fit together
- Why Data is important
- Applications of AI
- What programming AI looks like - predicting numbers with regression, computer-assisted decisions with classification, gaming etc can make mistakes because of poor data
- Neural Networks -- what they are and what they aren't. Basics. Forward and Backward propagation
- Understand how Fairness and Ethics work in AI
- The process of teaching a computer how to learn
- How AI applications can make mistakes because of poor data

[Generative AI for Decision Makers, AWS](#) (3 hours)

- Introduction to GenAI
- Planning a GenAI project
- Building a GenAI ready organization

[Transform Your Business with Microsoft AI](#) (3 hours)

- Leverage AI tools and resources for your business
- Create business value from AI
- Embrace responsible AI principles and practices
- Scale AI into your organization

Subscription required after a free intro period:

[AI Strategy and Governance, Wharton Online](#) (9 hours)

- Economics of AI
- AI Innovation
- Algorithmic Bias and Fairness
- AI Governance and Explainable AI

[Introduction to AI, IBM](#) (8 hours)

- What is AI? Applications and Examples of AI
- AI Concepts, Terminology, and Application Areas
- AI: Issues, Concerns, and Ethical Considerations
- The Future with AI, and AI in Action

[Generative AI Fundamentals Specialization, IBM](#) (20 hours)

- Generative AI: Introduction and Applications
- Generative AI: Prompt Engineering Basics
- Generative AI: Foundation Models and Platforms
- Generative AI: Impact, Considerations, and Ethical Issues
- Generative AI: Business Transformation and Career Growth

[Human Factors in AI, Duke University](#) (~17 hours)

- Design of AI Product Experiences
- Data Privacy and AI
- Ethics in AI
- Human and Societal Considerations

[Big Data, Artificial Intelligence, and Ethics, University of California, Davis](#) (~12 hours)

- Getting Started and Big Data Opportunities
- Big Data Limitations
- Artificial Intelligence
- Research Ethics

More about the Cantellus Group

The Cantellus Group is a boutique advisory firm guiding clients on frontier technology strategies, governance and oversight. With a diverse global network of advisors, we provide integrated, actionable approaches to solve the toughest data, technology and governance challenges facing organizations today. In a rapidly evolving business and regulatory environment, we design solutions to align innovation with your mission, values and risk tolerances.

*Cantellus has endeavored to compile a relevant list of resources and does not endorse the content or perspectives of, nor is it compensated for listing any provider here.