LEARN ABOUT GENERATIVE ARTIFICIAL INTELLIGENCE

The following online courses and other resources provide a broad foundation on Artificial Intelligence (AI), Generative AI (GenAI), and Large Language Models (LLM). Individuals can use these as a starting point to learn about these topics before continuing with additional learning tailored to their specific work and interests. These courses can also be found in a curated GenAI section in the Harvard Training Portal. Please check back there periodically as more resources will be added over time.

Explainer

Get Ready for Generative AI (LinkedIn Learning, 5m)

- **Description**: Generative AI (GenAI) can be used to create a wide variety of content in a matter of minutes. This can streamline workflows, but people must be involved at each step of the way for it to function effectively. This short video covers the basics of what GenAI is and how it works, with examples of the types of images and text you can use it to create.

- **Recommended for**: Individuals curious about the world of GenAI.

Introductory Courses

Generative AI: Opportunities, Issues, and Ethics (LinkedIn Learning, 1h 2m)

- **Description**: An overview of GenAI for beginners, this course covers the basics of creating text, images, video, and audio content with GenAI. It also includes a section on the ethics of GenAI, including issues around copyright and bias, and the ramifications of this technology.

- **Recommended for**: Individuals interested in creating content with GenAI tools like ChatGPT, DALL-E, and Midjourney.

Introduction to Generative AI with GPT (LinkedIn Learning, 1h 5m)

- **Description**: This course provides an overview of the popular Generative AI tool Generative Pre-trained Transformer (GPT). It covers GPT's general capabilities, examples of how it can be used in business, and discusses its limitations, ethical considerations, risks, and challenges.

- **Recommended for**: Individuals interested in learning the basics of how GenAI and GPT work.

Practical Courses

How to Boost Your Productivity with AI Tools (LinkedIn Learning, 1h)

- **Description**: This course explores a variety of ways to incorporate GenAI tools such as ChatGPT or Microsoft Copilot into your everyday work. The instructor shares a framework and templates for writing effective prompts that make use of GenAI as a collaborator, helping you generate ideas, summarize information, plan a project, streamline tasks, and more.

- **Recommended for**: Individuals interested in the practical application of GenAI in their everyday work, as well as tips for writing effective prompts.

How to Research and Write Using Generative AI Tools (LinkedIn Learning, 1h 15m)

- **Description**: This course dives deeper into using GenAI for content development. The instructor demonstrates practical examples of prompt engineering in GenAI to summarize complex information, view subjects from multiple perspectives, build user personas and strategic models, analyze writing style, outline ideas, and generate new content.

- **Recommended for**: Individuals who have tried writing prompts for GenAI tools and are looking to strengthen their prompt writing skills for desired outcomes.

Resources for Further Exploration

- HUIT's Generative AI resource hub includes guidance on responsible GenAI use, tools, and ideas for getting started.

- Responsible AI: Principles and Practical Applications (LinkedIn Learning, 1h 6m) explores biases and risks inherent in GenAI tools, including potential impacts to human resources, social media, healthcare, and climate.

- The Derek Bok Center for Teaching and Learning's Introduction to Generative AI provides a basic overview of the benefits and limitations of GenAI with a focus on how faculty and students might use AI in the classroom.

- The UK's National Centre for AI has written a helpful Generative AI Primer.

- Harvard metaLAB's AI Pedagogy Project provides an overview of popular AI tools, including a guided tutorial on using ChatGPT.