

AI UPSKILLING RESOURCES

Aggregated from MKE Tech's AI Community.

The **AI Community** is continuing to learn and grow with one another. With this support, the community has compiled a list of resources for everyone to explore and utilize while upskilling in this space. This document is a testament to our collective effort to foster growth and innovation in the AI space.

The resources are categorized by **five different AI learner profiles**:

- The Curious Explorer
- The Hands-On Practitioner
- The Strategic Integrator
- The Innovator
- The Visionary Leader

Each AI learner profile branches out to two skill sets: **business skills** and **technical skills**.

Browse through the different resources to find what's available out there and what other people in this community are using to continue growing in the AI space. This compilation is designed to cater to various needs and proficiency levels to ensure every member of our AI Community can find valuable resources to aid their journey.

Together, we can embrace the transformative power of AI and unlock its full potential for innovation and growth.

THE CURIOUS EXPLORER

The *curious explorer* is a student or early-career professional interested in AI. They may be studying computer science, a related field, or something with opportunities in tech and AI, and they're eager to learn how AI can be applied in different contexts. Their focus is on understanding the basics and building foundational knowledge.

Business Skills

- [Microsoft's Copilot](#)
- [OpenAI's ChatGPT](#)
- [Ben's Bites AI Newsletter](#)
- [Ethan Mollick's Blog + Twitter](#)
- [LinkedIn Learning: What Is Generative AI?](#)
- [Allie K. Miller's social posts](#)
- [insideoutside.io](#)
- [Zain Kahn](#)
- [Vanderbilt AI courses on Coursera](#)
- [ACT Now Education](#) – free Coursera account for current/former military
- [MKE Tech's FUSE AI Bootcamp](#) (students)
- [Dreamforce Conference](#)
- [perplexity.ai](#)
- [IBM AI Fundamentals](#)

Technical Skills

- [LinkedIn Learning](#)
- [Coursera](#)
- [Teradata](#) – database admin, data engineering, ETL, automation
- [brilliant.org](#) – LLMs, statistics
- [Daily Zaps AI Newsletter](#)
- [MIT AI Program](#)
- [MIT Open CourseWare: Python, statistics, algorithms, etc.](#)
- [Hugging Face Models + Data](#)
- [Vanderbilt: Prompt Engineering for ChatGPT](#)
- [Stanford: Machine Learning](#)
- [MITx](#)
- [3Blue1Brown](#)
- [Leetcode](#)
- [Pluralsight](#)
- [Skillsoft Percipio](#)
- [Codecademy](#) – learn code
- [Udemy: Machine Learning](#)
- [KDnuggets](#)

Let us know what we missed! [Fill out this form.](#)

THE HANDS-ON PRACTITIONER

The **hands-on practitioner** is someone working in a tech-adjacent role and is starting to use AI to solve specific problems. They may be a data analyst, a junior developer, a research assistant in a tech-driven organization, etc. Their goal is to gain some practical experience while also refining their technical skills.

Business Skills

- [Connected Systems Institute](#) (UWM)
- [Niklas Lang](#) on Medium
- [OpenEvidence](#) – AI-powered medical information platform
- [Professor Sawhney](#) at Northwestern University
- [Code With Brandon](#) (YouTube)
- [Tech With Tim](#) (YouTube)
- [Cursor](#) vs [Replit](#) for coding
- [O'Reilly online community](#) – military + veterans may have free access through DoD
- [NCSU AI Academy](#)
- [MSOE](#), [UWM](#), [MATC](#)

Technical Skills

- [DeepLearning.AI](#)
- [MIT Technology Review](#) newsletters
- [Stephen Wolfram](#)
- [Cassie Kozyrkov](#)
- [Jupyter Notebook](#)
- [Northeast Wisconsin Manufacturing Alliance \(NEWMA\) Training Programs](#)
- [sectionschool.com](#) AI course
- [Getting started with AWS Bedrock](#)
- [CoCounsel](#) – Thomson Reuters
- [NCSU AI Academy](#)
- [DataCamp](#)

Let us know what we missed! [Fill out this form.](#)

THE STRATEGIC INTEGRATOR

The **strategic integrator** is a professional in a role that requires utilizing AI solutions into existing processes. They may be a product manager, a data scientist, an IT consultant, etc. Their focus should be on understanding the technical aspects and how to align AI with business objectives.

Business Skills

- [MKE Tech AI Community](#)
- [Women in Analytics Conference](#)
- Will Koehrsen on [Medium](#) + [GitHub](#)

Technical Skills

- [GitHub](#)
- [Microsoft's Copilot](#)
- [Transforming Data With Intelligence \(TDWI\) Conference](#)
- [gener8tor](#) programs
- [Five9](#) resources
- [huggingface.co](#)

Let us know what we missed! Fill out this form.

THE INNOVATOR

The **innovator** is an advanced practitioner or leader in charge of developing and deploying AI solutions at scale. They may be a senior data scientist, an AI architect, a business leader, etc. Their focus is leading teams, shaping AI strategies, and managing complex projects.

Business Skills

- [TLDR AI Newsletter](#)
- [Data Science Weekly](#) (Substack)
- [ART of Data Science](#) (Substack)
- [Stratup.ai](#) – AI-powered startup ideas
- [ACT Now Education](#) – free Coursera account for current/former military
- [RocketSource](#)
- [Dreamforce Conference](#)
- [Databricks](#)
- [BITCON](#)
- [Black Data Processing Associates \(BDPA\)](#)
- [AfroTech](#)
- [Summerfest Tech](#)
- [SC24](#)
- [ProdCon](#) by nvisia
- [Data-Driven WI](#)

Technical Skills

- [Cursor](#)
- [Bittensor](#)
- [Glean](#)
- [Salesforce](#)
- [Galileo AI](#)

Let us know what we missed! [Fill out this form.](#)

THE VISIONARY LEADER

The **visionary leader** is an executive or someone in a strategic position where they need to understand the broader implications of AI on their organization and industry. This role involves making high-level decisions about AI investments and strategies, with a focus on long-term impact and innovation.

Business Skills

- [EMARKETER](#)
- [Accenture Academy](#)
- [Intel](#)
- [Co-Intelligence](#) by Ethan Mollick
- [All in on AI](#) by Thomas H. Davenport and Nitin Mittal
- [Your AI Survival Guide](#) by Sol Rashidi
- Allie K. Miller on social media ([LinkedIn](#), [X](#), [Instagram](#), [TikTok](#), [YouTube](#), [Website](#))
- [Gartner AI Reports](#)
- Harvard Business School – [Design Thinking and Innovation](#)
- [Matthew Berman](#) (YouTube)
- [tarikmoody.com](#)

Technical Skills

None were provided. Please use the link at the bottom of the page to add some!

Let us know what we missed! Fill out this form.