**Free AI Courses by Provider**

**1. Elements of AI (University of Helsinki & MinnaLearn)**

* A beginner-friendly MOOC covering AI basics—from machine learning to neural networks and the philosophy of AI.
* Available globally in many languages, completely free, with no prerequisites.
[Wikipedia](https://en.wikipedia.org/wiki/Elements_of_AI?utm_source=chatgpt.com)
* <https://en.wikipedia.org/wiki/Elements_of_AI?utm_source=chatgpt.com>

**2. CS50's Introduction to Artificial Intelligence with Python (Harvard)**

* A 7-week, free Python-based course exploring machine learning and AI fundamentals.
* Part of Harvard’s CS50 series, available online at no cost.
[Harvard University+1](https://pll.harvard.edu/catalog/free?utm_source=chatgpt.com) )
* <https://pll.harvard.edu/catalog/free?utm_source=chatgpt.com>
* Other notable Harvard offerings include:
	+ **Data Science: Building Machine Learning Models** – 8 weeks
	+ **Fundamentals of TinyML**, **Deploying TinyML**, **Applications of TinyML**, and **Machine Learning and AI with Python**—various durations.
	[Harvard University](https://pll.harvard.edu/subject/artificial-intelligence?utm_source=chatgpt.com)
	+ <https://pll.harvard.edu/subject/artificial-intelligence?utm_source=chatgpt.com>

**3. Google (Grow with Google) AI Courses**

* A selection of practical, free AI mini-courses:
	+ *Prompting Essentials* (6 hours)
	+ *AI Essentials* (5 hours)
	+ *Grow Your Business with AI* (1-hour workshop)
	+ *Generative AI for Educators* (2 hours)
	+ *AI for Students* (training + access to AI tools for eligible students)
	<https://grow.google/ai/?utm_source=chatgpt.com>
* Plus, eight free certificate courses via Google Cloud Skill Boost such as:
	+ *Introduction to Generative AI*, *LLMs*, *Responsible AI*, *Image Generation*, *Attention Mechanism*, *Transformers and BERT*, *Image Captioning*, *Vertex AI Studio*.
	[Navbharat Times](https://navbharattimes.indiatimes.com/education/study-abroad/us/google-top-8-free-ai-online-certification-courses-on-cloud-skill-boost/articleshow/122860795.cms?utm_source=chatgpt.com)
	+ <https://navbharattimes.indiatimes.com/education/study-abroad/us/google-top-8-free-ai-online-certification-courses-on-cloud-skill-boost/articleshow/122860795.cms?utm_source=chatgpt.com>

**4. IBM SkillsBuild**

* A free platform offering over 1,000 courses in 20 languages across AI, machine learning, chatbots, generative AI, prompt writing, and AI ethics.
* Includes IBM-branded digital credentials.
[IBM SkillsBuild](https://skillsbuild.org/students/course-catalog/artificial-intelligence?utm_source=chatgpt.com)[Wikipedia](https://en.wikipedia.org/wiki/IBM_SkillsBuild?utm_source=chatgpt.com)
* <https://en.wikipedia.org/wiki/IBM_SkillsBuild?utm_source=chatgpt.com>

**5. Coursera (Audit for Free)**

* Many AI courses are available to audit without cost, including:
	+ *AI For Everyone* (non-technical overview)
	+ *Introduction to AI – IBM*
	+ *Fundamentals of Machine Learning & AI – AWS*
	+ *Generative AI: Prompt Engineering Basics – IBM*, among others.
* Certificates or full access may require a paid upgrade or trial.
[Coursera+1](https://www.coursera.org/courses?query=artificial+intelligence&utm_source=chatgpt.com)
* <https://www.coursera.org/courses?query=artificial+intelligence&utm_source=chatgpt.com>

**6. Fast.ai – Practical Deep Learning for Coders**

* A free, hands-on MOOC requiring Python knowledge, teaching deep learning techniques (CNNs, RNNs, GANs, etc.).
* No certificate, with recorded lessons available online.
[Wikipedia](https://en.wikipedia.org/wiki/Fast.ai?utm_source=chatgpt.com)
* <https://en.wikipedia.org/wiki/Fast.ai?utm_source=chatgpt.com>

**7. MyGreatLearning Free AI Courses**

* Covers wide-ranging AI and ML topics—from generative AI and prompt engineering to computer vision, NLP, and reinforcement learning.
* Free certificates available upon completion.
[My Great Learning](https://www.mygreatlearning.com/ai/free-courses?utm_source=chatgpt.com)
* <https://www.edx.org/courses?q=free+ai+courses&utm_source=chatgpt.com>

**8. edX (Free AI Courses)**

* Offers multiple free AI and ML courses (some with model-building, ChatGPT practices, algorithm understanding).
* Audit mode typically gives free access to content but may charge for certification.
[edX](https://www.edx.org/courses?q=free+ai+courses&utm_source=chatgpt.com)
* <https://www.edx.org/courses?q=free+ai+courses&utm_source=chatgpt.com>

**9. SWAYAM (IITs via Indian Government Portal)**

* Free AI courses designed by IIT Madras:
	+ *AI/ML Using Python* (36 hours)
	+ *Cricket Analytics with AI* (25 hours)
	+ *AI in Chemistry*, *AI in Physics*, *AI in Accounting*—varied hours.
* Courses offer certificates on completion via the SWAYAM platform.
[Navbharat Times](https://navbharattimes.indiatimes.com/education/education-news/top-5-free-ai-courses-online-designed-by-iit-madras-and-available-at-swayam-portal/articleshow/121772682.cms?utm_source=chatgpt.com)[Wikipedia](https://en.wikipedia.org/wiki/SWAYAM?utm_source=chatgpt.com)
* <https://en.wikipedia.org/wiki/SWAYAM?utm_source=chatgpt.com>

**10. Anthropic’s AI Fluency Course**

* A short (~4-hour) free course focusing on working with AI responsibly.
* Teaches four key skills: Delegation, Description, Discernment, and Diligence.
[Lifewire](https://www.lifewire.com/anthropic-free-ai-fluency-course-11757129?utm_source=chatgpt.com)
* <https://www.lifewire.com/anthropic-free-ai-fluency-course-11757129?utm_source=chatgpt.com>

**11. TinyML Course (Harvard & Google via edX)**

* Focused on applied machine learning on microcontrollers.
* Openly accessible, with hands-on programming and deployment practices.
[arXiv](https://arxiv.org/abs/2106.04008?utm_source=chatgpt.com)
* <https://arxiv.org/abs/2106.04008?utm_source=chatgpt.com>

**Summary Table**

| **Platform / Institution** | **Course Examples** | **Format** | **Certificate?** |
| --- | --- | --- | --- |
| Elements of AI | Intro to AI fundamentals | MOOC, non-technical | No |
| Harvard (CS50 series) | Intro AI with Python, TinyML series | Self-paced, university content | Varies |
| Google (Grow with Google / Skill Boost) | Prompting Essentials, LLMs, Generative AI, etc. | Modular mini-courses | Yes (selected) |
| IBM SkillsBuild | AI ethics, chatbots, generative AI, etc. | Platform with credentials | Yes |
| Coursera (Audit) | AI for Everyone, AWS, IBM, etc. | Audit/free access | Optional paid upgrade |
| Fast.ai | Practical Deep Learning for Coders | MOOC, coding-based | No |
| MyGreatLearning | Generative AI, NLP, Deep Learning | Platform-based | Yes |
| edX | AI/ML, ChatGPT, algorithms | Audit mode available | Paid |
| SWAYAM (IITs) | AI/ML Using Python, AI in Chemistry/Physics/Accounting | MOOC portal | Yes |
| Anthropic AI Fluency | Responsible use of AI | ~4 hours, short course | No (free) |
| TinyML (Harvard/edX) | ML on microcontrollers | Specialized hands-on course | Unclear |

**Recommendations by Goal**

* **No coding experience?** Try **Elements of AI** or **AI For Everyone** on Coursera (audit).
* **Want hands-on Python/ML projects?** Dive into **Harvard CS50 AI**, **Fast.ai**, or **IBM SkillsBuild**.
* **Need quick skills or microcourses?** Google’s *Prompting Essentials* or Anthropic’s *AI Fluency* are ideal.
* **Looking for domain-specific AI?** SWAYAM offers niche courses like *Cricket Analytics with AI*.
* **Interested in embedded ML?** Check out the **TinyML** microcontroller-focused course.