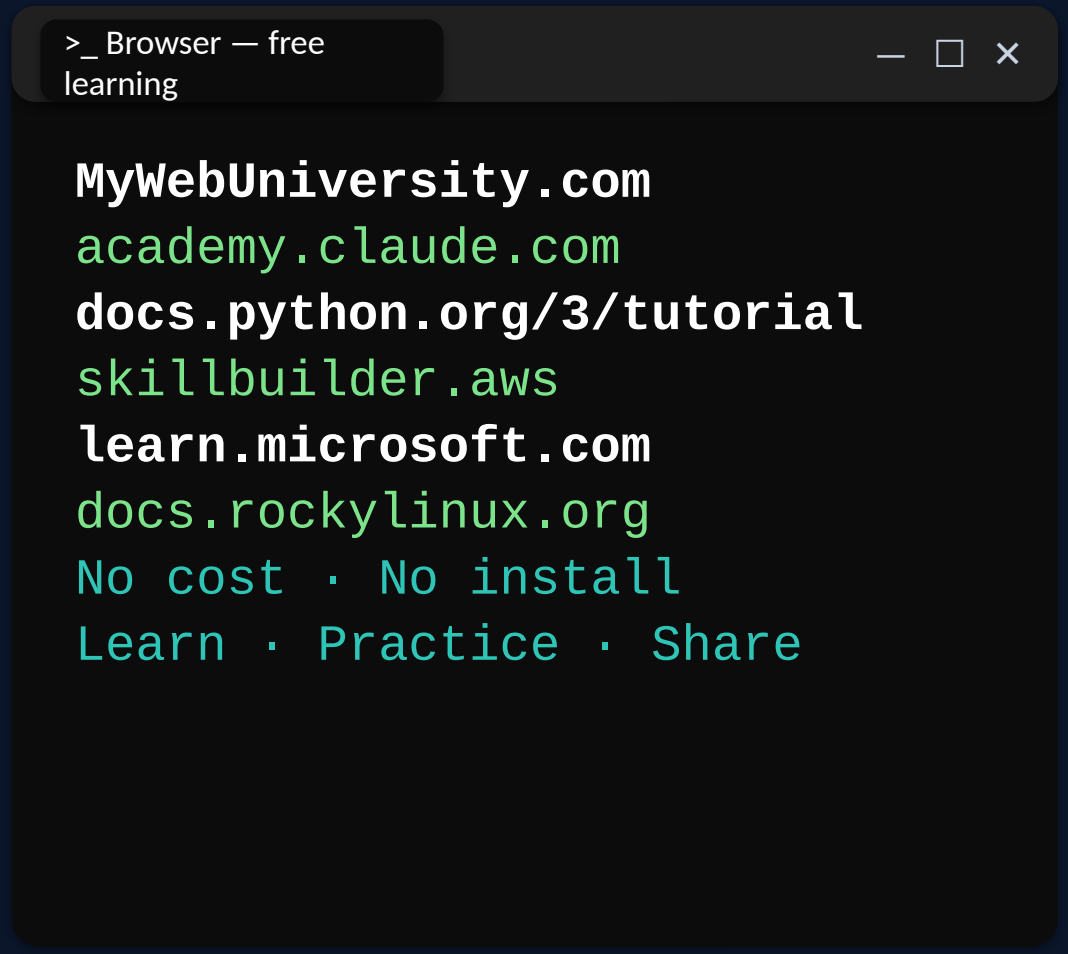


LESSON 6 OF 12

Free Learning Websites

Linux · Python · AI · Cloud · Security · Claude

Learning AI Free: Hugging Face, Kaggle Learn, DeepLearning.AI & Google

Full Course · Free learning sites · checked Nov 2026

What You Will Learn in Lesson 6

- An AI learning ladder: use → understand → build
- Hugging Face Learn: LLM Course, Agents Course and more
- Kaggle Learn: free micro-courses and free notebooks
- DeepLearning.AI: what is free and what needs Pro
- Google: Intro to Generative AI, ML Crash Course
- Microsoft AI for Beginners (GitHub)
- A 6-week free AI plan

The AI Learning Ladder

Step	Free places to learn
1. Use AI well	Claude Academy: Claude 101, AI Fluency (lesson 3)
2. Understand the ideas	Google Intro to Generative AI; Microsoft AI for Beginners
3. Learn Python + data	python.org tutorial (lesson 4); Kaggle Learn Python, Pandas
4. Machine learning	Kaggle Intro to ML; Google ML Crash Course
5. Deep learning + LLMs	Hugging Face LLM Course; DeepLearning.AI short courses
6. Build agents	Hugging Face Agents Course; Claude API and MCP courses

Hugging Face Learn: huggingface.co/learn

Course	What you learn
LLM Course	Transformers, tokenizers, fine-tuning, sharing models (12 chapters)
Agents Course	Build AI agents with open-source frameworks — free certificate with assignments
MCP / Context courses	Connecting models to tools and data
Diffusion, Deep RL, Audio, Computer Vision	Specialized topics with code notebooks
Hub	Free models, datasets and Spaces (demo apps) to try in the browser
Level	Intermediate — Python required

Kaggle Learn: kaggle.com/learn

Feature	Details
Micro-courses	Python, Pandas, Data Visualization, Intro to ML, Intermediate ML
More	Intro to Deep Learning, Computer Vision, SQL, Feature Engineering, AI Ethics
Format	Short lessons + exercises in free browser notebooks
Certificates	Free completion certificates
Notebooks	Free CPU/GPU notebooks with weekly limits — no install
Competitions	Practice on real datasets; learn from public notebooks

DeepLearning.AI: What Is Free?

Item	Details
Short courses	100+ one- to two-hour courses built with AI companies
Free	Watching course videos
Pro plan	Quizzes, graded labs and certificates need Pro (about $25/month, Oct 2026)
Beginner pick	AI for Everyone (Andrew Ng) — no coding
Builder picks	Prompt engineering, RAG, agents, vLLM inference
Tip	Watch free, practice the code in Kaggle or your own notebook

Google and Microsoft: Free Foundations

Course	Details
Google: Introduction to Generative AI	Short learning path on Google Skills; free badge
Google: Machine Learning Crash Course	developers.google.com/machine-learning/crash-course — free, interactive
Google Skills credits	35 free credits each month for hands-on labs (developers)
Microsoft: AI for Beginners	github.com/microsoft/AI-For-Beginners — 12-week curriculum
Microsoft: Generative AI for Beginners	Free GitHub course with code lessons
Microsoft Learn AI paths	Azure AI Fundamentals learning paths (lesson 10)

A 6-Week Free AI Plan

Week	Do this
1	Claude 101 + AI Fluency (Claude Academy); Google Intro to Generative AI
2	Kaggle Learn: Python and Pandas
3	Kaggle Intro to ML + Google ML Crash Course (first modules)
4	Kaggle Intro to Deep Learning; DeepLearning.AI short course videos
5	Hugging Face LLM Course chapters 1–4
6	Hugging Face Agents Course unit 1 + a small Claude API or MCP project
Always	Use AI ethically: cite, verify, protect private data

Summary and Homework

- Climb the ladder: use → understand → Python → ML → LLMs → agents
- Hugging Face: free LLM and Agents courses, models and Spaces
- Kaggle Learn: free micro-courses, notebooks and certificates
- DeepLearning.AI: free videos; Pro for quizzes and certificates
- Google Intro to Generative AI, ML Crash Course; Microsoft AI for Beginners
- Homework: finish Kaggle 'Intro to Programming' or 'Python' lesson 1

Thank You! 🙏

Free videos & PDFs: www.MyWebUniversity.com

Slides for this lesson: MyWebUniversity.com/presentations

YouTube: @MyWebUniversity · @MyWebUniversity-Dari

Wahidullah Lutfy — Founder and Director of IT of MyWebUniversity, and CS teacher

Book: The Direct Path to Linux Ubuntu (Amazon · Barnes & Noble)

Learn it, then pass it on.