House of Praise Christian Centre

MEN'S FELLOWSHIP

Empowering The Man, to Impact the Family, Church and Community

UNIFIED AI

LEARNING CATALOGUE

A Comprehensive Collection of 100+ Free AI Courses

From world-leading universities and technology companies

Curated to empower men with practical AI knowledge for work, business, ministry, and personal transformation

100+	6	FREE
Free Courses	Sections	Access

✓ Foundation to Expert Level Learning Pathways

✓ Business Transformation & AI Strategy

✓ Leading Universities: MIT, Harvard, Stanford, Oxford

✓ Tech Giants: Google, Microsoft, IBM, Amazon AWS, SAP, OpenAI, Anthropic

✓ Practical, Real-World Applications

✓ Self-Paced Learning with Optional Certificates

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SECTION A: FOUNDATIONAL & APPLIED AI

Learn from Basics to Practical Application — Build Your AI Foundation

AI 101

MIT OpenCourseWare

Introduction to AI for those with little to no background. Covers key concepts, machine vision, and reinforcement learning fundamentals.

[Visit MIT AI 101 Course →]

Artificial Intelligence (6.034)

MIT OpenCourseWare

Comprehensive intro to AI knowledge representation, problem solving, and learning methods for intelligent systems development.

Explore MIT Artificial Intelligence Course →

Introduction to Algorithms

MIT OpenCourseWare

Mathematical modeling of computational problems, algorithms, and data structures essential for AI applications.

Access MIT Algorithms Course →

CS50's Intro to AI with Python

Harvard University (HarvardX)

Learn machine learning in Python. Covers search algorithms, knowledge, ML, and neural networks with hands-on projects.

Start Harvard CS50 AI Course →

Machine Learning and AI with Python

Harvard University (HarvardX)

Learn decision trees and foundational ML algorithms. Develop practical AI implementation skills. Free to audit.

Enroll in Harvard ML Course →

Data Science: Machine Learning

Harvard University (HarvardX)

Part of Harvard's Data Science Certificate. ML basics, algorithms, and building recommendation systems. Free to audit.

Begin Harvard Data Science ML →

AI For Everyone

DeepLearning.AI (Andrew Ng)

Non-technical AI overview for business leaders. Understand technologies, spot opportunities, build AI strategy. Free to audit.

Take AI For Everyone Course →

Machine Learning Specialization

DeepLearning.AI & Stanford

Foundational program teaching ML fundamentals and building real-world AI applications. Beginner-friendly. Free to audit.

Join ML Specialization Program →

Statistical Learning with Python

Stanford University

Statistical methods and supervised learning with Python. Includes free book materials for comprehensive learning.

Access Stanford Statistical Learning →

Machine Learning (CS229)

Stanford University

ML foundations course. Popular algorithms, theory, and applications. One of the most renowned ML courses globally.

View Stanford CS229 Course →

Intro to Artificial Intelligence

Stanford University (Udacity)

22 lessons and 9 practice exams covering search, logic, planning, MDPs, reinforcement learning, and more.

Start Stanford AI Introduction →

AI: Principles and Techniques (CS221)

Stanford University

Advanced AI course. Techniques for implementing various AI systems including search, MDPs, and constraint satisfaction.

Explore Stanford CS221 Course →

Google AI Essentials

Google (Coursera)

Foundational AI concepts, using AI tools for ideas, content creation, and speeding up tasks. Hands-on activities.

Get Started with Google AI Essentials →

Microsoft AI Fundamentals

Microsoft Learn

Build AI fluency with fundamentals, services, responsible AI, and putting AI to work. Free online training.

Begin Microsoft AI Fundamentals →

AI Fundamentals Guide

Microsoft Learn

Explore fundamental AI and ML concepts. Distinguish learning types, assess neural network effectiveness.

Read Microsoft AI Guide →

AI Fundamentals

Microsoft & Udacity

Core AI concepts using Azure ML and Cognitive Services. No prior technical experience required.

Take Microsoft AI Fundamentals on Udacity →

AI for Beginners

Microsoft (GitHub)

12-week, 24-lesson curriculum covering AI fundamentals with project-based learning. Open-source resource.

Access Microsoft AI for Beginners →

Artificial Intelligence Fundamentals

IBM SkillsBuild

NLP, computer vision, ML, deep learning, chatbots. Hands-on with IBM Watson Studio. Free digital badge.

Explore IBM AI Fundamentals →

AI Skills in Less Than 1 Hour

IBM SkillsBuild

Quick intro to AI fundamentals in bite-sized segments. Perfect for busy professionals seeking high-demand skills.

Start IBM Quick AI Course →

AI Fundamentals

IBM & Cisco Networking Academy

Comprehensive AI fundamentals with guided learning and industry-recognized credentials. Completely free.

Join IBM-Cisco AI Program →

AI Essentials

Oxford Saïd Business School (Coursera)

Core ideas, methods, and applications of AI for business professionals. Connects technical concepts to real-world use cases.

Enroll in Oxford AI Essentials →

SECTION B: GENERATIVE AI, AGENT AI & AUTONOMOUS SYSTEMS

Master GenAI Fundamentals, Prompt Engineering, AI Agents & Large Language Models

Generative AI for Everyone

DeepLearning.AI (Andrew Ng)

Empowering perspective on GenAI. How it works, capabilities, hands-on exercises, and advanced applications.

Explore GenAI for Everyone →

Generative AI for Beginners

Microsoft (GitHub)

18 comprehensive lessons on GenAI fundamentals. Build applications using Python/TypeScript with Azure OpenAI.

Access Microsoft GenAI Course →

Get Started with Azure OpenAI Service

Microsoft Learn

Learn to use Azure OpenAI Service to build generative AI solutions. Practical training on implementing AI models.

Begin Azure OpenAI Training →

Prompt Engineering for ChatGPT

Vanderbilt University (Coursera)

Master patterns for writing effective prompts for LLMs. From basic to sophisticated prompts. Free to audit.

Master Prompt Engineering →

ChatGPT Prompt Engineering for Developers

DeepLearning.AI & OpenAI

Free hands-on course on writing and iterating prompts. Summarizing, inferring, transforming, and expanding text.

Learn ChatGPT Prompt Engineering →

Prompt Engineering for ChatGPT

Great Learning Academy

Craft creative prompts to enhance AI accuracy. Updated with GPT-5 refined prompts. Free certificate. 3 hours.

Get Great Learning Prompt Course →

Introduction to Prompt Engineering

Learn Prompting

Comprehensive course combining theory with hands-on assignments. Perfect for beginners and business professionals.

Start Prompt Engineering Intro →

ChatGPT for Everyone

Learn Prompting & OpenAI

One-hour course on ChatGPT basics, prompt engineering, DALL·E 3, and AI safety.

Take ChatGPT for Everyone →

Google Prompting Essentials

Google (Grow with Google)

Learn to write effective prompts in 5 steps. Build reusable prompt library to boost productivity.

Access Google Prompting Essentials →

Prompt Engineering for Everyone

IBM (Cognitive Class)

Master AI communication through prompt engineering. Hands-on practice with IBM watsonx Prompt Lab.

Learn IBM Prompt Engineering →

Build with Andrew

DeepLearning.AI (Andrew Ng)

From idea to app in 30 minutes with no coding. Build AI-powered web applications using natural language.

Build AI Apps with Andrew Ng →

AI Agents Short Courses

DeepLearning.AI

Build and deploy AI agents capable of autonomous problem-solving, decision-making, and task execution.

Explore AI Agents Courses →

Introduction to Model Context Protocol

Anthropic Academy (Coursera)

Learn to build MCP servers and clients from scratch using Python. Master tools, resources, and prompts.

Learn Model Context Protocol →

Model Context Protocol: Advanced Topics

Anthropic Academy (Coursera)

Advanced MCP patterns including sampling, notifications, file system access, and transport mechanisms.

Master Advanced MCP →

Intro to Claude AI

Scrimba (Coursera)

Discover Claude, Anthropic's powerful LLM. Build practical skills through coding challenges. Free to audit.

Discover Claude AI →

Next-Generation AI Assistant: Claude

Coursera Project Network

Explore Claude AI capabilities. Learn to apply features in work. Create compelling materials with AI.

Explore Claude AI Assistant →

Claude Code in Action

Anthropic Academy (Coursera)

Official course on Claude Code for AI-assisted development. Setup, real projects, GitHub integration, and SDKs.

Use Claude Code for Development →

OpenAI Academy Resources

OpenAI

Free workshops, discussions, and digital content. From AI basics to advanced integration for engineers.

Access OpenAI Academy →

ChatGPT Foundations for Teachers

OpenAI (Coursera)

Help educators build AI expertise. Personalize materials, save time, support students effectively.

Learn ChatGPT for Education →

Fundamentals of ML and AI

Amazon Web Services (Coursera)

Learn foundations of ML and AI. Explore connections between AI, ML, deep learning, and generative AI. Free to audit.

Begin AWS AI Fundamentals →

AWS AI Practitioner Learning Plan

Amazon Web Services

Comprehensive learning plan for AI/ML practitioners. Master AWS AI services, tools, and generative AI technologies.

Join AWS AI Practitioner Program →

Introduction to Generative AI - Art of the Possible

AWS Skill Builder

Learn basics of generative AI, its risks, benefits, and how content generation can be used in business.

Explore AWS GenAI Possibilities →

Amazon Bedrock Getting Started

AWS Skill Builder

Build generative AI applications using Amazon Bedrock. Learn to integrate LLMs and foundation models.

Get Started with Amazon Bedrock →

Discovering SAP Business AI

SAP Learning

SAP's Business AI strategy, principles, ethics, privacy standards, and opportunities for business.

Discover SAP Business AI →

Introduction to AI Core

SAP Learning

Embed AI into SAP Solutions. Configure SAP AI Core and Launchpad. Train and serve AI models. Free 2+ hours.

Learn SAP AI Core →

SECTION C: AI ETHICS, GOVERNANCE & RESPONSIBLE DEPLOYMENT

Ethical Frameworks, Governance Standards, Bias Mitigation & Responsible AI Practices

Ethics of AI

University of Helsinki

Free comprehensive course on ethical aspects of AI. Develop AI in ethically sustainable way.

Study AI Ethics at Helsinki →

Intro to AI Safety, Ethics, and Society

Center for AI Safety

12-week instructor-led program on AI safety and ethics. No technical knowledge required. Group discussions.

Join AI Safety Fundamentals →

Ethics of Artificial Intelligence

Politecnico di Milano (Coursera)

Examine ethical issues created by AI. Identify impacts, analyze critically, apply responsible principles. Free to audit.

Examine AI Ethics Issues →

AI Ethics

DataCamp

Comprehensive overview of ethical considerations. Core principles, fairness, bias reduction, building trust.

Learn AI Ethics on DataCamp →

AI Ethics for Beginners

Great Learning Academy

Explore fairness, accountability, transparency, privacy. Identify and address ethical issues. Free certificate.

Start AI Ethics for Beginners →

Data Ethics, AI and Responsible Innovation

University of Edinburgh (edX)

Critical social, legal, political, ethical issues in data science. Apply professional judgment to moral problems.

Study Responsible Innovation →

Ethics in AI and Big Data

Linux Foundation (edX)

Business drivers for AI, ethical challenges, principles for responsible AI. For business and technical leaders.

Explore Ethics in AI and Big Data →

Introduction to AI Ethics

Kaggle

Practical introduction to identifying and mitigating bias and fairness issues. Hands-on ethical AI development.

Practice AI Ethics on Kaggle →

AI Ethics: Global Perspectives

Multiple Universities

Collection of lectures on ethical implications from different global perspectives. Diverse viewpoints on AI ethics.

View Global AI Ethics Perspectives →

Responsible AI Principles

Microsoft Learn

Identify guiding principles for responsible AI development and deployment. Build trust and transparency.

Learn Responsible AI Principles →

Introduction to Responsible AI

AWS Skill Builder

Learn why responsible AI is important in the context of generative AI. Core dimensions of responsible AI practices.

Study AWS Responsible AI →

SECTION D: ADVANCED & EXPERT AI STUDIES

Deep Learning, Neural Networks, Computer Vision, NLP & Specialized AI Domains

Deep Learning Specialization

DeepLearning.AI (Andrew Ng) - Coursera

Foundational program on deep learning. Build and train CNNs, RNNs, LSTMs, and Transformers. 5 courses. Free to audit.

Join Deep Learning Specialization →

Neural Networks and Deep Learning

DeepLearning.AI (Coursera)

Learn fundamentals of neural networks and deep learning. Forward/backpropagation, activation functions. Free to audit.

Master Neural Networks →

Deep Learning: Mastering Neural Networks

MIT xPRO

Explore core mathematical concepts underlying deep neural networks. Experiment with ML toolkits and applications.

Explore MIT Deep Learning →

Machine Learning, Modeling, and Simulation

MIT xPRO

Two-course program for engineers and scientists. Demystify ML through computational engineering principles.

Study MIT ML Modeling →

Driving Innovation with Generative AI

MIT xPRO

Six-week course on navigating GenAI. Case studies, hands-on tools, insights from 12 MIT CSAIL faculty.

Drive Innovation with MIT GenAI →

TensorFlow Developer Professional Certificate

DeepLearning.AI (Coursera)

Learn to build AI apps with TensorFlow. Deep dive into Computer Vision, NLP, and Time Series Analysis.

Become TensorFlow Developer →

Machine Learning & AI Courses

Google Cloud Training

Implement ML and AI with Vertex AI, BigQuery, TensorFlow. Hands-on labs and skill badges. Free monthly credits.

Learn Google Cloud ML & AI →

AI & ML Engineering Professional Certificate

Microsoft (Coursera)

Build job-ready skills in AI technologies and GenAI models. Design infrastructure, master algorithms, leverage Azure.

Get Microsoft AI & ML Certificate →

Natural Language Processing Specialization

DeepLearning.AI (Coursera)

Advanced NLP covering text processing, sentiment analysis, language models, and conversational AI.

Master NLP Specialization →

Computer Vision Courses

Stanford Online

Advanced techniques in image processing, object detection, and visual recognition systems.

Study Stanford Computer Vision →

Reinforcement Learning Specialization

University of Alberta (Coursera)

Study RL algorithms, Q-learning, policy gradients, applications in robotics and game AI. Free to audit.

Learn Reinforcement Learning →

AI Professional Program

Stanford Online

Graduate-level content in ML, NLP, and more. Build AI models, innovate, conduct research in the field.

Join Stanford AI Professional Program →

SAP Generative AI Developer Certification

SAP Learning

Certification in SAP's Business AI capabilities. Extend SAP BTP applications with leading LLMs.

Get SAP GenAI Certification →

Oxford AI Programme

Oxford Saïd Business School (GetSmarter)

Six-week program on AI's history, functionality, capabilities, and ethical considerations. University certificate.

Enroll in Oxford AI Programme →

SECTION E: AI BUSINESS TRANSFORMATION, STRATEGY & ADOPTION

Strategic Implementation, Digital Transformation, Change Management & AI-Driven Innovation

Transform Your Business with AI

Microsoft Learn

Business leaders' guide to adopting AI. Planning, strategizing, and scaling AI projects responsibly.

Transform Business with Microsoft AI →

AI: Implications for Business Strategy

MIT Sloan Executive Education

6-week program on AI technologies and business implications. Machine learning, NLP, GenAI, and robotics focus.

Study MIT AI Business Strategy →

AI: Business Strategies and Applications

UC Berkeley Executive Education

Lead AI transformation across industries. Connect automation, prediction, personalization to business outcomes.

Lead with Berkeley AI Strategies →

AI For Business Specialization

University of Pennsylvania (Wharton)

Learn fundamentals of AI and ML. Develop deployment strategy for competitive advantage. Free to audit.

Study Wharton AI for Business →

AI and Career Empowerment

University of Maryland (Smith School)

Free certificate program. How AI transforms industries, career opportunities, and positioning yourself for success.

Empower Your AI Career →

AI Strategies for Business Transformation

Kellogg Executive Education

Leverage AI and GenAI for strategic impact. Customer experience, productivity, innovation. 8-week program.

Transform with Kellogg AI Strategies →

AI for Business Course

Wharton Executive Education

Learn fundamentals of big data, AI, ML, and GenAI. Deploy technologies to support organizational strategy.

Take Wharton AI for Business →

AI Strategy for Business Leaders

Harvard Extension School

Navigate AI landscape from strategic, managerial perspective. GenAI applications and responsible adoption.

Develop Harvard AI Strategy →

AI Strategy with ChatGPT, ML & DL

Packt (Coursera)

Implement AI strategies effectively. Real-world applications, tools evaluation, ROI measurement. Free to audit.

Implement AI Strategy →

Generative AI for Business Leaders

Stanford Online

Understand GenAI's impact on business. Strategic insights from Stanford faculty on AI adoption.

Lead with Stanford GenAI Insights →

AI Product Management Specialization

Duke University (Coursera)

Build AI products from conception to deployment. Product strategy, ethics, and implementation. Free to audit.

Master AI Product Management →

ML Essentials for Business and Technical Decision Makers

Amazon Web Services

AWS Machine Learning Embark curriculum. Assess readiness, identify ML use cases, and concrete next steps.

Make AWS ML Business Decisions →

AWS SimuLearn - Generative AI

Amazon Web Services

Simulation-based training. Interact with AI-powered virtual customers, solve business challenges with Amazon Bedrock.

Practice with AWS SimuLearn →

Digital Transformation with AI

Leading Business Schools

Comprehensive approach to AI-driven transformation. Change management, scaling AI, and measuring business impact.

Navigate Digital Transformation →

SECTION F: LEARNING HUBS — ONE SOURCE OF TRUTH

Comprehensive AI Learning Portals and Resource Centers from Leading Institutions

MIT OpenCourseWare

Massachusetts Institute of Technology

Free access to 2,500+ MIT courses including comprehensive AI, ML, and computer science materials. Video lectures, assignments, exams.

Browse MIT OpenCourseWare →

MIT Open Learning - AI Hub

MIT

Curated AI courses from MIT OpenCourseWare, MITx, and MIT xPRO. Comprehensive pathway from fundamentals to advanced AI.

Explore MIT AI Learning Hub →

Harvard AI Courses

Harvard University

Complete collection of Harvard's AI courses through HarvardX and Harvard Online Learning. Free audit options available.

Access Harvard AI Courses →

Stanford Online AI

Stanford University

AI courses and programs from Stanford faculty. Foundational to advanced skills for career acceleration in AI.

Learn at Stanford Online →

Oxford AI at Oxford

University of Oxford

World-class research and educational resources on AI from one of the world's leading universities.

Visit Oxford AI Portal →

Microsoft Learn for AI

Microsoft

Comprehensive AI learning hub with curated plans. Free training on Azure AI, Copilot, and generative AI.

Train on Microsoft Learn →

Google Skills - AI Platform

Google

Nearly 3,000 courses, labs, and credentials from Google Cloud, DeepMind, and Grow with Google. Free monthly credits for labs.

Grow with Google Skills →

Grow with Google - AI Courses

Google

Free AI courses including AI Essentials, Prompting Essentials, and specialized training for educators, students, businesses.

Access Grow with Google AI →

AWS Skill Builder

Amazon Web Services

600+ free courses on AWS AI/ML services. Certification exam prep, hands-on labs, and practical skill-building.

Build Skills on AWS →

AWS Training - AI Learning

Amazon Web Services

135+ AI/ML trainings. Generative AI, Amazon Bedrock, Amazon Q, and certification paths for AI practitioners.

Train with AWS AI →

IBM SkillsBuild

IBM

1,000+ free courses on AI, data science, cybersecurity, and more. Earn digital badges and industry-recognized credentials.

Join IBM SkillsBuild →

DeepLearning.AI

Andrew Ng

Expert-led AI education from foundational basics to advanced application. Specializations, short courses, and The Batch newsletter.

Learn from DeepLearning.AI →

Anthropic Academy

Anthropic

Courses on Claude AI, API development, Model Context Protocol, and Claude Code. Certificates upon completion.

Study at Anthropic Academy →

OpenAI Academy

OpenAI

Free workshops, discussions, and digital content. AI basics to advanced integration. Resources for educators and businesses.

Join OpenAI Academy →

SAP Learning - AI

SAP

Explore AI in SAP world, from leveraging AI in business processes to how SAP implements AI ethics.

Explore SAP Learning AI →

Coursera AI Courses

Coursera Platform

Thousands of AI courses from top universities and companies. Many free to audit with optional paid certificates.

Browse Coursera AI Library →

edX AI Learning

edX Platform

University-level AI courses from MIT, Harvard, Microsoft, and more. Free access with optional verified certificates.

Study on edX Platform →

Kaggle Learn

Kaggle (Google)

Free micro-courses on practical AI and data science skills. AI ethics, intro to ML, deep learning, and more.

Practice on Kaggle Learn →

Your AI Journey Starts Here

This comprehensive catalogue represents more than just a collection of courses, it's your gateway to mastering one of the most transformative technologies of our time. Each of the 100+ courses has been carefully selected to provide you with free, world class education from leading institutions and technology companies.

Whether you're exploring AI for personal growth, professional development, business transformation, or ministry impact, these resources will equip you with the knowledge and skills to thrive in an AI-powered world. From foundational

concepts to advanced implementation, from ethical considerations to strategic deployment and everything you need is here.

Remember: Learning AI is not about replacing human wisdom, discernment, and faith. It's about amplifying your God given abilities to serve, lead, innovate, and make a lasting positive impact in your family, church, and community.

"Whatever you do, work at it with all your heart,
as working for the Lord, not for human masters."

— Colossians 3:23

House of Praise Men's Fellowship

Empowering The Man, to Impact the Family, Church and Community

For inquiries and suggestions:

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