



THE BLUE WHALE
AI ACADEMY

UNDERSTANDING THE AI WORKFLOW STACK



UNDERSTANDING THE AI WORKFLOW STACK

🕒 Self Paced 📖 20 Lessons 🧩 1 Quizzes

Fee: \$99.00

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Overview

AI systems rely on a structured workflow stack to function efficiently, integrating tools and frameworks for data processing, model deployment, automation, and decision-making. This course will break down the key components of the AI workflow stack, helping you understand how AI agents, memory, vector databases, APIs, and automation frameworks work together to drive efficiency and innovation.





















Whether you're a business leader, developer, or AI enthusiast, this course provides a clear roadmap to navigating the AI ecosystem—from data storage to intelligent automation.

Features

- ✓ Breakdown of the AI workflow stack—key components and their roles.
- ✓ Understanding AI memory and storage—how AI retains and processes information.
- ✓ Exploring vector databases and their role in powering AI applications.
- ✓ AI agents and automation—how they work together to streamline workflows.
- ✓ Practical use cases demonstrating AI workflow in action.
- ✓ Step-by-step insights into integrating AI workflows into business processes.
- ✓ Comparison of popular AI tools and frameworks for workflow optimization.

Curriculum

UNDERSTANDING THE AI WORKFLOW STACK

 GitMind: AI-Powered Mind Mapping and Diagramming Tool	30 minutes
 Veed.io: AI-Powered Online Video Editing Platform	30 minutes
 Decktopus: AI-Powered Presentation Creation Platform	30 minutes
 AI Denis: AI-Powered Virtual Assistant for Customer Support & Automation	30 minutes
 Qodo.ai: AI-Powered Code Integrity and Testing Platform	30 minutes
 BetterResearch: AI-Powered Research Automation Knowledge Management	30 minutes
 Chatbase: AI-Powered Chatbot Development & Automation Platform	30 minutes
 Interviewsby.ai: AI-Powered Automated Interview Platform	30 minutes
 Million.dev: AI-Powered Web Development Optimization Framework	30 minutes
 HeyGen: AI-Powered Video Generation & Avatar Technology	30 minutes
 Fathom: AI-Powered Meeting Assistant	30 minutes
 Going: AI-Powered Flight Deal Tracking Platform	30 minutes
 SIMULIA: Engineering Simulation Software by Dassault Systèmes	30 minutes
 Submagic: AI-Powered Video Editing and Subtitle Generator	30 minutes
 Tweet Hunter: AI-Powered Twitter Growth and Engagement Tool	30 minutes
 Lexica: AI-Powered Image Generation and Search Platform	30 minutes
 Krater.ai: AI Super App for Content, Code, and Creativity	30 minutes
 AIApply: AI-Powered Job Search and Application Automation Platform	30 minutes
 Roughly.app: AI-Powered Meeting Management and Transcription Tool	30 minutes
 Trolly.ai: AI-Powered Content Creation and SEO Optimization Platform	30 minutes

 **Quiz**

80 minutes 40 questions

FAQs

Who is this course for?

This course is designed for business professionals, developers, AI practitioners, and decision-makers looking to understand the AI workflow stack and its applications.

Do I need coding experience to take this course?

No. While technical concepts will be covered, the course is structured to be accessible to both technical and non-technical learners.

What will I gain from this course?

You'll gain a structured understanding of AI workflows, including how different components work together to build AI-driven solutions.

How long is the course?

This course is designed to be concise yet comprehensive, delivering actionable insights in a short, digestible format.

Will there be hands-on exercises?

Yes! The course includes practical demonstrations and real-world applications to help you see the AI workflow stack in action.



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