KOENIG SOLUTIONS · COURSE OUTLINE

AI Use Cases: Feasibility, Design & KPI Metrics

Learn to identify, design and evaluate AI use cases, from feasibility assessment through implementation to measuring impact with KPIs.

7	21
MODULES	TOPICS

COURSE OVERVIEW

The “AI Use Case Training” course is designed to provide participants with an in-depth understanding of how artificial intelligence can be effectively applied across various industries. This course will equip learners with the skills needed to identify potential AI use cases, evaluate their feasibility, and implement AI solutions that bring tangible benefits. Through a combination of theoretical knowledge and practical applications, participants will gain insights into the transformative power of AI in real-world scenarios.

WHO THIS COURSE IS FOR

- **Business Analysts**
- **AI Project Managers**
- **Data Strategy Leads**
- **Innovation Managers**
- **Digital Transformation Leads**
- **Product Managers**

LEARNING OBJECTIVES

- Explain core AI technologies such as machine learning and neural nets
- Identify AI use case opportunities within specific industry contexts
- Assess AI solution feasibility using a structured framework
- Describe AI solution architecture, data pipelines and model deployment
- Evaluate data requirements and management strategies for AI projects
- Discuss ethical issues including bias, transparency and accountability
- Apply strategies for integrating AI into existing business processes
- Define KPIs to measure the success of AI initiatives

COURSE SYLLABUS

7 Modules, 21 Topics

01

Understanding AI Fundamentals

INTRODUCTION TO ARTIFICIAL INTELLIGENCE

- Explore the history and evolution of AI, including key milestones and breakthroughs

KEY AI TECHNOLOGIES AND CONCEPTS

- Understand the core technologies that drive AI, such as machine learning, neural networks, and natural language processing

AI IN TODAY'S WORLD

- Examine how AI is reshaping industries and everyday life, with examples from diverse sectors

02

Identifying AI Use Cases

DEFINING AI USE CASES

- Learn how to identify opportunities for AI application within various business contexts

INDUSTRY-SPECIFIC AI OPPORTUNITIES

- Explore AI use cases tailored to specific industries, such as healthcare, finance, and manufacturing

EVALUATING AI USE CASE FEASIBILITY

- Assess the practicality and potential impact of proposed AI solutions through a structured framework

03

Designing AI Solutions

AI SOLUTION ARCHITECTURE

- Understand the components and architecture of AI solutions, including data pipelines and model deployment

DATA REQUIREMENTS AND MANAGEMENT

- Explore the importance of data in AI projects, focusing on collection, preprocessing, and management strategies

ETHICAL CONSIDERATIONS IN AI DESIGN

- Discuss ethical issues related to AI, including bias, transparency, and accountability

04

Implementing AI Projects

BUILDING AI MODELS

- Gain hands-on experience with creating AI models using popular frameworks and tools

INTEGRATING AI INTO BUSINESS PROCESSES

- Learn strategies for seamlessly integrating AI solutions into existing workflows and systems

CHANGE MANAGEMENT FOR AI ADOPTION

- Explore techniques for managing organizational change and facilitating stakeholder buy-in

05

Measuring AI Impact

DEFINING SUCCESS METRICS FOR AI PROJECTS

- Identify key performance indicators (KPIs) to measure the success of AI initiatives

ANALYZING AI PROJECT OUTCOMES

- Develop skills in analyzing the results of AI projects and deriving actionable insights

CONTINUOUS IMPROVEMENT AND SCALING AI SOLUTIONS

- Learn methods for iterating on AI solutions and scaling successful use cases

06

Case Studies and Real-World Applications

INDUSTRY CASE STUDIES

- Examine detailed case studies showcasing successful AI implementations across different sectors

LESSONS LEARNED FROM AI DEPLOYMENTS

- Understand common challenges faced during AI deployments and strategies to overcome them

FUTURE TRENDS IN AI USE CASES

- Explore emerging trends in AI applications and anticipate future opportunities

Conclusion and Final Assessment

RECAP OF KEY LEARNINGS

- Review the main concepts and skills acquired throughout the course

FINAL ASSESSMENT

- Complete a comprehensive assessment to evaluate understanding and application of course material

COURSE FEEDBACK AND NEXT STEPS

- Provide feedback on the course experience and explore advanced learning paths or certifications

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training | Live Online Classes (ILO) | Fly-Me-A-Trainer (FMAT) | Flexi (Self-Paced) | 1-on-1 Training

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

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