



AI Fundamentals - Getting Started With Artificial Intelligence

Module 1 - Getting Started With AI

Module 1.1 Introduction To AI

Module 1.2 Understanding The Types of AI

Module 2 - Programming Languages, Tools and Platforms For AI Solutions

Module 2.1 AI and Programming Languages

Module 2.2 AI, Machine Learning and Deep Learning

Module 2.3 AI Models

Module 2.4 AI Services in the Cloud

Module 3 - Data Science Fundamentals for AI

Module 3.1 Introduction to Data Science

Module 3.2 Data Preparation Techniques

Module 3.3 Exploratory Data Analysis (EDA)

Module 4 - AI In the Modern Workplace

Module 4.1 AI In The Workplace

Module 4.2 Data Analysis and Business Intelligence AI Tools

Module 4.3 Automation and Workflow Management Tools

Module 4.4 Natural Language Processing (NLP) Tools

Module 4.5 Virtual Assistants and Chatbots

Module 5 - Ethical AI and Future Trends

Module 5.1 Understanding Bias, Fairness, Privacy, and Security

Module 5.2 Impact of AI on Jobs and Society

Module 5.3 Emerging Trends in AI

Module 5.4 AI Governance and Regulation

Module 6 - Monumental Leaps Forward With AI

Module 6.1 AI for Social Good

Module 6.2 AI in Creative Industries

Module 6.3 AI in Cybersecurity

Module 6.4 AI in Smart Cities and Infrastructure

Module 7 - AI Project Lifecycle Management

- Module 7.1 AI Project Lifecycle Management
- Module 7.2 Development and Implementation
- Module 7.3 Maintenance, Evaluation, and Scaling

Module 8 - AI Fundamentals Course Closeout

- Module 8.1 Course Closeout