PAN AFRICAN
Learning and Growth Network

ARTIFICIAL INTELLIGENCE (AI) IN PROJECT MANAGEMENT

Insight in Action: AI as a Catalyst
for Real-Time Project Decision-Making
Training Workshop

CELEBRATING **10** YEARS PALGNET

SANDTON LODGE HOTEL
Corner 12th Avenue and River Road
RIVONIA (Edenburg on GPS)
Johannesburg,
South Africa

16-20 JUNE 2025

FROM
8:30
TILL **4PM**

REGISTRATIONS FEES
USD2,500

FEE INCLUDES
TRAINING MATERIALS
MEALS & REFRESHMENTS DURING THE DAY
AIRPORT PICKUP AND DROP OFF
HOTEL PICKUP AND DROP OFF
DELEGATE LAPTOP
½ DAY TOUR TO TOURIST ATTRACTION SITES

FEE EXCLUDES
DINNER AND ACCOMMODATION

CONTACT

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INTRODUCTION

The Artificial Intelligence (AI) in Project Management course is tailored to equip project managers and their teams with state-of-the-art AI tools, specifically designed to enhance project management processes. Participants will learn how to effectively implement AI solutions to streamline operations, predict risks, and improve decision-making.

By the end of this training course, attendees will have a solid understanding of practical AI applications that can be smoothly integrated into their project workflows, focusing on real-world examples to demonstrate the transformative impact of AI on managing complex projects successfully.
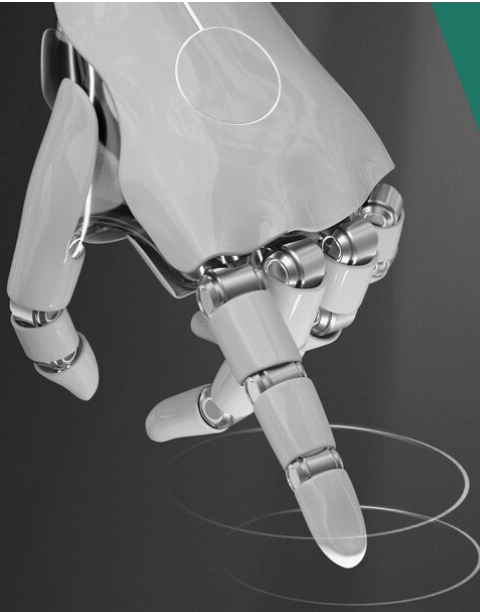
COURSE HIGHLIGHTS

· Integration of AI technologies in project scheduling and resource management.
· Advanced AI techniques for predicting and managing project risks.
· Demonstrations of AI effectiveness in project management through real-world scenarios.
· Hands-on training with AI software tools designed for project management.
· Strategies for adopting AI within existing project management frameworks.

OBJECTIVES

· Grasp the fundamental concepts of AI as they apply to project management.
· Apply AI tools to optimize project scheduling and resource allocation.
· Develop a strategic approach to implement AI-driven innovations in their projects.

· Utilize AI techniques for effective risk prediction and mitigation strategies.
· Seamlessly integrate AI solutions into their project management practices.
· Evaluate the benefits and potential challenges of AI in project settings.

TRAINING METHODOLOGY

The training course will feature interactive lectures, practical exercises with AI tools, in-depth discussions, individual feedback sessions, and live demonstrations to ensure a thorough understanding and application of the concepts taught.

ORGANIZATIONAL IMPACT

· Enhanced efficiency and productivity in project management tasks.
· Improved risk management capabilities.
· Reduction in project delivery times and cost overruns.
· Increased competitive edge by adopting advanced AI technologies.
· Better alignment of project outcomes with organizational goals.

PERSONAL IMPACT

· Advanced skills in using AI tools for project management.
· Enhanced ability to anticipate and mitigate risks using AI.
· Greater confidence in managing complex projects.
· Improved problem-solving and decision-making capabilities.
· Up-to-date knowledge of the latest AI technologies in project management.

WHO SHOULD ATTEND?

· Project Managers and Team Leaders
· IT Professionals in Project Teams
· Risk Managers
· Business Analysts
· Innovation Managers
· Anyone interested in integrating AI technology into project management processes

Certificates

On successful completion of this training course, PALGNET Certificate will be awarded to the delegates

Fee Includes

- Training Materials
- Meals & refreshments during the day
- Airport pickup and drop off

Fee Excludes

- Dinner and Accommodation

- Hotel Pickup and drop off
- Delegate Laptop
- ½ day tour to tourist attraction sites

COURSE OUTLINE

Introduction to AI in Project Management

- Overview of AI and its relevance in project management.
- Introduction to various AI technologies impacting project management.
- The role of data in AI-driven project optimization.
- Understanding AI capabilities in project planning and execution.
- Overview of AI tools available for project managers.
- Analysis of AI applications in project management.

AI for Risk Prediction and Management

- Fundamentals of risk management using AI.
- Demonstrations of predictive analytics and risk assessment models.
- AI in qualitative vs. quantitative risk analysis.
- Implementing AI tools for continuous risk monitoring.
- Analysis of AI-driven risk management effectiveness.
- AI risk prediction tool.

AI for Project Scheduling & Resource Allocation

- Principles of AI in scheduling: from theory to application.
- Demonstrations of AI-driven scheduling effectiveness.
- Exploration of tools and software for AI-based scheduling.
- AI approaches to resource allocation and optimization.
- Simulation of an AI-driven project scheduling scenario.
- Development session: AI resource allocation model.

Integrating AI into Project Management Practices

- Strategic integration of AI technologies in existing processes.
- Managing change for AI adoption in project teams.
- Ethical considerations and AI in project management.
- Building AI competency within project management teams.
- AI integration roadmap.

Review and Practical Application

- Review of key AI concepts and tools learned throughout the workshop.
- Hands-on practical exercise with a comprehensive AI project management tool.
- Development of a personalized AI implementation action plan.
- Individual feedback: Sharing insights and experiences.
- Overcoming barriers to AI adoption.

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Welcome to the Sandton Lodge Rivonia,
we extend a very warm welcome and trust
your upcoming stay or conference with us
will be both enjoyable and comfortable.

The Simama Hotels Sandton Lodge Rivonia offers business services and facilities. Our 34 Suites are all strictly non-smoking and have; Air-conditioning and Heating, Tea and Coffee Facilities, DSTV Decoder, a Mini-Bar Fridge (Stocked on request) and complimentary Broadband WIFI Internet Access with Secure on-site Parking available.As part of our continued guest-safety measures and growing international trend, the Sandton Lodge Hotel is a cashless establishment, for your convenience all major Credit and Debit cards are accepted in addition to Snap-Scan and Apple-Pay facilities.