



COURSE OVERVIEW PM0661

PMI Certified Professional in Managing AI (PMI-CPMAI)

(PMI-CPMAI Exam Preparation Training)

Course Title

PMI Certified Professional in Managing AI (PMI-CPMAI) *(PMI-CPMAI Exam Preparation Training)*

Course Date/Venue

December 14-18, 2025/Tamra Meeting Room,
Al Bandar Rotana Creek, Dubai, UAE

Course Reference

PM0661

Course Duration/Credits

Five days/3.0 CEUs/30 PDHs

Course Description



This practical and highly-interactive course includes various practical sessions and exercises. Theory learnt will be applied using our state-of-the-art simulators.

This course is designed to provide participants with a detailed and up-to-date overview of PMI Certified Professional in Managing AI (PMI-CPMAI). It covers the role of AI in modern project management, types of AI and key AI capabilities relevant to project delivery; the PMI CPMAI certification framework and AI project ecosystem & stakeholders; the AI strategy and business integration, AI lifecycle fundamentals and AI tools and platforms; and the AI project initiation and planning, AI data strategy and architecture and risk management in AI projects.

Further, the course will also discuss the AI ethics and responsible AI, AI procurement and vendor management and AI project scheduling and budgeting; the AI model development, data engineering for AI projects, quality assurance and testing in AI and deployment and integration strategies; the technical debt in AI projects and communication between PMs and data teams; and the organizational change and AI adoption, AI governance models and AI regulatory and legal landscape.



During this interactive course, participants will learn the AI model development, data engineering for AI projects, quality assurance and testing in AI and deployment and integration strategies; managing technical debt in AI projects and communicating between PMs and data teams; and the organizational change and AI adoption, AI governance models and AI regulatory and legal landscape.

Course Objectives

Upon the successful completion of this course, each participant will be able to:-

- Get prepared for the next PMI-CPMAI exam and have enough knowledge and skills to pass such exam in order to get the Certified Professional in Managing AI (CPMAI) from the Project Management Institute (PMI) certification
- Discuss the role of AI in modern project management including the types of AI and key AI capabilities relevant to project delivery
- Recognize PMI CPMAI certification framework and AI project ecosystem and stakeholders
- Illustrate AI strategy and business integration, AI lifecycle fundamentals and AI tools and platforms
- Carryout AI project initiation and planning, AI data strategy and architecture and risk management in AI projects
- Apply AI ethics and responsible AI, AI procurement and vendor management and AI project scheduling and budgeting
- Employ AI model development, data engineering for AI projects, quality assurance and testing in AI and deployment and integration strategies
- Manage technical debt in AI projects and communicate between PMs and data teams
- Apply organizational change and AI adoption, AI governance models and AI regulatory and legal landscape
- Carryout model performance monitoring, detecting drift and anomalies, retraining an updating cycles and post-deployment audits
- Identify key documentation requirements and apply reporting dashboards and tools, metrics for performance, reliability, and fairness and audit and compliance records
- Apply human-AI collaboration in operations covering human-AI teaming models, operator oversight and control loops, designing fail-safe and fallback mechanisms and continuous improvement and feedback loops

Exclusive Smart Training Kit - H-STK®



*Participants of this course will receive the exclusive “Haward Smart Training Kit” (H-STK®). The H-STK® consists of a comprehensive set of technical content which includes **electronic version** of the course materials conveniently saved in a **Tablet PC**.*



PMI Recognition of Haward Courses

The Project Management Institute (**PMI**) recognizes Haward's Certificates and Continuing Education Units (CEUs).

The recognition and acceptance of our PDUs/CEUs fall under Categories E, F and G of PMI's "Professional Education" section at the PMP Application. Hence, what the delegates simply need to do is to complete this section as part of the PMP Application and submit it to PMI upon the receipt of Haward's certificates and ANSI/IACET's CEUs. PMI will automatically accept the delegates with 30 Contract Honors as a fulfillment of the required Professional Education.

Haward Technology, being the first **Authorized Provider** of the International Association for Continuing Education & Training (**IACET-USA**) in the Middle East, is authorized to award ANSI/IACET **CEUs** that are automatically accepted and recognized by the Project Management Institute (**PMI**).

Who Should Attend

This course provides an overview of all significant aspects and considerations of PMI certified professional in managing AI for project managers, program and product managers, data professionals, business analysts, IT managers, consultants and technologists and those professionals aiming to lead and manage AI-driven projects effectively

Exam Eligibility & Structure

Exam candidates shall have the following minimum pre-requisites:-

- Be at least 18 years old
- Complete the PMI-CPMAI Exam Prep Course to understand the CPMAI methodology

Training Methodology

All our Courses are including **Hands-on Practical Sessions** using equipment, State-of-the-Art Simulators, Drawings, Case Studies, Videos and Exercises. The courses include the following training methodologies as a percentage of the total tuition hours:-

30% Lectures
20% Practical Workshops & Work Presentations
30% Hands-on Practical Exercises & Case Studies
20% Simulators (Hardware & Software) & Videos

In an unlikely event, the course instructor may modify the above training methodology before or during the course for technical reasons.

Training Fee

US\$ 5,500 per Delegate + **VAT**. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Exam Fee

US\$ 1,200 per Delegate + **VAT**.



Course Certificate(s)

- (1) PMI-CPMAI certificates will be issued to participants who have successfully passed the PMI-CPMAI examination.



- (2) Official Transcript of Records will be provided to the successful delegates with the equivalent number of ANSI/IACET accredited Continuing Education Units (CEUs) earned during the course



Certificate Accreditations

Haward Technology is accredited by the following international accreditation organizations:-

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PMI: Project Management Institute

Haward Technology is an **Authorized Training Partner** of the **Project Management Institute (PMI)** (USA). We are strictly complying with the quality requirements and standards of PMI. Haward Technology is approved by PMI to issue contact hours and PDUs for those courses following the PMI requirements in addition to all PMI Project Management courses. Our trainers are Authorized by PMI to deliver the PMI Accredited courses and certification programs. As an Authorized Training Partner, Haward Technology has access to the latest and up-to-date PMI materials and resources available in the field of Project Management that will definitely improve the chances of success for participants attending Haward Technology courses.

The PMI Authorized Training Partner seal is a registered mark of **Project Management Institute, Inc.**

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British Accreditation Council (BAC)

Haward Technology is accredited by the **British Accreditation Council for Independent Further and Higher Education** as an **International Centre**. Haward's certificates are internationally recognized and accredited by the British Accreditation Council (BAC). BAC is the British accrediting body responsible for setting standards within independent further and higher education sector in the UK and overseas. As a BAC-accredited international centre, Haward Technology meets all of the international higher education criteria and standards set by BAC.

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The International Accreditors for Continuing Education and Training (IACET USA)

Haward Technology is an Authorized Training Provider by the International Accreditors for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this authority, Haward Technology has demonstrated that it complies with the **ANSI/IACET 2018-1 Standard** which is widely recognized as the standard of good practice internationally. As a result of our Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for its programs that qualify under the **ANSI/IACET 2018-1 Standard**.

Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking **Continuing Education Units (CEUs)** in accordance with the rules & regulations of the International Accreditors for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

Haward Technology Middle East will award **3.0 CEUs** (Continuing Education Units) or **30 PDHs** (Professional Development Hours) for participants who completed the total tuition hours of this program. One CEU is equivalent to ten Professional Development Hours (PDHs) or ten contact hours of the participation in and completion of Haward Technology programs. A permanent record of a participant's involvement and awarding of CEU will be maintained by Haward Technology. Haward Technology will provide a copy of the participant's CEU and PDH Transcript of Records upon request.

Course Instructor(s)

This course will be conducted by the following instructor(s). However, we have the right to change the course instructor(s) prior to the course date and inform participants accordingly:



Dr. Chris Le Roux, PhD, MSc, BSc, PMI-PMP, PMI-CAPM, PMI-ATP, is a **Senior Project & Management Consultant** with almost **30 years** of teaching, training and industrial experience. His expertise lies extensively in the areas of **Project & Contracts Management Skills, Project & Construction Management, Project Planning, Scheduling & Control, Project Management, Project Delivery & Governance Framework, Project Planning & Delegating, Risk, Budgeting & Cost Management** in Projects, **Project Management Practices, Project Management Disciplines, Project Risk Management, Risk Identification Tools & Techniques, Project Life Cycle, Project Stakeholder & Governance, Project Management Processes, Project Integration Management, Project Management Plan, Project Work Monitoring & Control, Project Scope Management, Project Time Management, Project Cost Management, Project Quality Management, Quality Assurance, Project Human Resource Management, Project Communications Management, Contract Management, Tender Development, Contract Standards & Laws, Dispute Resolution & Risk Identification, Myers-Briggs Type Indicator (MBTI), Organization Development Consultation, Advanced Debriefing of Emotional Trauma, Interpersonal Motivation, Model Based Interviewing, Leadership Orientation Programme, Leading People & Change, Embracing Innovation Culture Coaching & Motivation, Creative Thinking & Problem-Solving Techniques, Techniques for Coaching & Mentoring, Strategies for Setting Annual Goals, Monitoring Progress & Evaluation Performance, Emotional Intelligence, Presentation Skills, Communication & Interpersonal Skills, Effective Communication & Influencing Skills, Effective Business Writing Skills, Writing Business Documents, Business Writing (Memo & Report Writing), Leadership & Team Building, Psychology of Leadership, Interpersonal Skills & Teamwork, Coaching & Mentoring, Innovation & Creativity, Office Management & Administration Skills, Controlling Your Time & Managing Stress, Crisis Management, Strategic Human Resources Management, Change Management, Negotiation Skills, Strategic Planning, Risk Analysis & Risk Management, Global Diverse & Virtual Teams Operation, Exceeding Customer Expectations, Corporate Governance Best Practice, Business Performance Management & Improvement, Building Environment of Trust & Commitment, Win-Win Negotiation Strategies, Quality Improvement & Resource Optimization, Neuro Linguistic Programming (NLP), Personal Resilience Developing, Effective Role Modelling & Development, Managing Dynamic Work Environments, Organizational Development, Career Management, Situation & Behaviour Analysis, Interpersonal Motivation Skills, Inventory Management and Financial Administration. Further, he is also well-versed in Water Supply System Security, Vulnerability & Terrorism, Integrated Security Systems, Incident Threat Characterization & Analysis, Physical Security Systems, Security Crisis, Security Emergency Plan, Command & Control System, Preventive Actions and Situation Analysis. He was the **Psychologist & Project Manager** wherein he was responsible in the project management and private psychology practices.**

During his career life, Dr. Le Roux has gained his academic and field experience through his various significant positions and dedication as the **Director, Medico Legal Assessor Psychologist, Training & Development General Manager, Project Manager, Account Manager, Commercial Sales Manager, Manager, Sales Engineer, Project Specialist, Psychology Practitioner, Senior HR Consultant, Senior Lecturer, Senior Consultant/Trainer, Business Consultant, Assistant Chief Education Specialist, ASI Coordinator, Part-time Lecturer/Trainer, PMP & Scrum Trainer, Assessor & Moderator, Team Leader, Departmental Head, Technical Instructor/Qualifying Technician, Apprentice Electrician: Signals and Part-Time Electrician** from various companies and universities such as the South African Railway (SAR), Department of Education & Culture, **ESKOM**, Logistic Technologies (Pty. Ltd), Human Development: Consulting Psychologies (HDCP) & IFS, Mincon, Eagle Support Africa, Sprout Consulting, UKZN, Grey Campus, Classis Seminars, CBM Training, just to name a few.

Dr. Le Roux has a **PhD in Commerce Major in Leadership in Performance & Change**, a **Master's degree in Human Resource Management**, a **Bachelor's degree (with Honours) in Industrial Psychology**, a **National Higher Diploma** and a **National Technical Diploma in Electrical & Mechanical Engineering**. Further, he is a **Certified Project Management Professional (PMI-PMP)**, a **Certified Associate in Project Management (PMI-CAPM)**, a **Certified Authorized Training Partners (PMI-ATP)**, a **Certified Scrum Master Trainer** by the VMEdU, a **Certified Instructor/Trainer** and a **Certified Internal Verifier/Assessor/Trainer** by the **Institute of Leadership & Management (ILM)**. Moreover, he is a **Registered Industrial Psychologist** by the Health Professions Council of South Africa (HPCSA), a **Registered Educator** by the South African Council for Educators (SACE) and a **Registered Facilitator, Assessor & Moderator** with Education, Training and Development Practices (ETDP) SETA. He has further delivered numerous trainings, courses, seminars, conferences and workshops globally.



Course Program

The following program is planned for this course. However, the course instructor(s) may modify this program before or during the workshop for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

Day 1: Sunday, 14th of December 2025

0730 – 0800	Registration & Coffee
0800 – 0815	Welcome & Introduction
0815 – 0830	PRE-TEST
0830 – 0930	Introduction to AI for Project Leaders Definition and Evolution of AI in Business • Role of AI in Modern Project Management • Types of AI (Narrow, General, Generative) • Key AI Capabilities Relevant to Project Delivery
0930 – 0945	Break
0945 – 1030	PMI CPMIAI Certification Framework Overview of PMI CPMIAI Objectives • Eligibility, Exam Format, and Knowledge Domains • AI Maturity and Adoption Models • Core Competencies for AI Project Managers
1030 – 1130	AI Project Ecosystem & Stakeholders Identifying Stakeholders in AI Projects • Business Problem versus AI Problem Framing • Stakeholder Alignment and Governance Models • RACI Matrices for AI Initiatives
1130 – 1215	AI Strategy & Business Integration Aligning AI Initiatives with Organizational Strategy • Value Realization and ROI Measurement • AI Readiness Assessments • Strategic Use Cases in Various Industries
1215 – 1230	Break
1230 – 1330	AI Lifecycle Fundamentals Problem Definition and Scoping • Data Collection and Preparation • Model Training, Testing, and Deployment • Continuous Monitoring and Improvement
1330 – 1420	Basis of AI Tools & Platforms AI Platforms and Ecosystems (ML Ops, AutoML, LLMs) • Cloud versus On-Prem AI Deployment • Common Tools Used in AI Projects • Integration with Project Management Platforms
1420 – 1430	Recap Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1430	Lunch & End of Day One

Day 2: Monday, 15th of December 2025

0730 – 0830	AI Project Initiation & Planning Defining Scope and Objectives for AI Projects • Stakeholder Engagement Plans • Resource Planning and Skills Mapping • Governance and Reporting Structure
0830 – 0930	AI Data Strategy & Architecture Data Governance Principles • Quality, Integrity, and Compliance Issues • Data Pipelines, APIs, and Architecture Design • Data Security and Privacy Considerations
0930 – 0945	Break

0945 – 1100	Risk Management in AI Projects <i>Identifying AI-Specific Risks • Bias and Fairness Concerns • Regulatory and Compliance Risks • Mitigation and Contingency Planning</i>
1100 – 1215	AI Ethics & Responsible AI <i>Ethical Frameworks and Principles • Explainability and Transparency of AI • Human-in-the-Loop Models • Regulatory Frameworks and Emerging Standards</i>
1215 – 1230	<i>Break</i>
1230 – 1330	AI Procurement & Vendor Management <i>Build vs. Buy Decision Frameworks • Evaluating AI Vendors and Partnerships • Contracting for AI Deliverables • Managing Service-Level Agreements (SLAs)</i>
1330 – 1420	AI Project Scheduling & Budgeting <i>Estimating AI Project Timelines • Managing Uncertainty in Data and Model Development • Budgeting for Compute, Cloud, and Licensing • Tracking KPIs and Earned Value</i>
1420 – 1430	Recap <i>Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow</i>
1430	<i>Lunch & End of Day Two</i>

Day 3: Tuesday, 16th of December 2025

0730 – 0830	Understanding AI Model Development <i>ML versus DL versus Generative AI • Model Selection and Design Considerations • Model Training and Validation Workflows • Collaboration with Data Science Teams</i>
0830 – 0930	Data Engineering for AI Projects <i>Data Ingestion and ETL Pipelines • Feature Engineering and Labeling • Data Versioning and Reproducibility • Integration with Project Deliverables</i>
0930 – 0945	<i>Break</i>
0945 – 1100	Quality Assurance & Testing in AI <i>AI Model Testing Methodologies • Unit, Integration, and System Testing • Validation of Predictions and Outputs • A/B Testing and Monitoring Drift</i>
1100 – 1215	Deployment & Integration Strategies <i>Model Deployment Environments • CI/CD for AI (MLOps Pipelines) • Integration with Enterprise Systems • Change Control Processes</i>
1215 – 1230	<i>Break</i>
1230 – 1330	Managing Technical Debt in AI Projects <i>Identifying Sources of AI Technical Debt • Refactoring and Maintenance Planning • Model Retraining and Versioning • Documentation and Knowledge Management</i>
1330 – 1420	Communication Between PMs & Data Teams <i>Common Language and Terminology Alignment • Cross-Functional Collaboration Practices • Defining Interfaces and Deliverables • Decision Logs and Documentation</i>
1420 – 1430	Recap <i>Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow</i>
1430	<i>Lunch & End of Day Three</i>



Day 4: Wednesday, 17th of December 2025

0730 – 0830	Organizational Change & AI Adoption Understanding Change Drivers in AI • Cultural and Behavioral Barriers • Change Management Frameworks (e.g., ADKAR, Kotter) • Communication Strategies
0830 – 0930	AI Governance Models Governance Frameworks for AI (e.g., NIST, ISO) • AI Steering Committees and Governance Roles • Policies for Responsible AI Operations • Monitoring and Escalation Procedures
0930 – 0945	Break
0945 – 1100	AI Regulatory & Legal Landscape Global AI Regulatory Frameworks • Data Protection and IP Rights • Ethical Implications and Legal Liabilities • Sector-Specific Compliance (e.g., Finance, Healthcare)
1100 – 1215	AI Model Monitoring & Maintenance Model Performance Monitoring • Detecting Drift and Anomalies • Retraining and Updating Cycles • Post-Deployment Audits
1215 – 1230	Break
1230 – 1330	AI Project Documentation & Reporting Key Documentation Requirements • Reporting Dashboards and Tools • Metrics for Performance, Reliability, and Fairness • Audit and Compliance Records
1330 – 1420	Human-AI Collaboration in Operations Human-AI Teaming Models • Operator Oversight and Control Loops • Designing Fail-Safe and Fallback Mechanisms • Continuous Improvement and Feedback Loops
1420 – 1430	Recap Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1430	Lunch & End of Day Four

Day 5: Thursday, 18th of December 2025

0730 – 0830	PMI CPMIAI Exam Blueprint & Strategy Exam Format and Scoring • Domain and Task Mapping • Key PMI CPMIAI Terminology and Concepts • Study Plan and Resource Checklist
0830 – 0930	Mock Exam & Practice Questions Solving Practice Questions by Domain • Time Management Techniques • Identifying Weak Areas and Common Traps • Answer Review and Discussion
0930 – 0945	Break
0945 – 1100	AI Project Case Study (Capstone) End-to-End AI Project Scenario • Applying AI Lifecycle and Governance • Stakeholder and Risk Management Simulation • Deliverables Presentation and Critique
1100 – 1215	Capstone Group Work & Presentation Group Assignments and Role Distribution • Preparing a Project Charter for AI Project • Stakeholder and Risk Response Plan • Feedback and Lessons Learned
1215 – 1230	Break



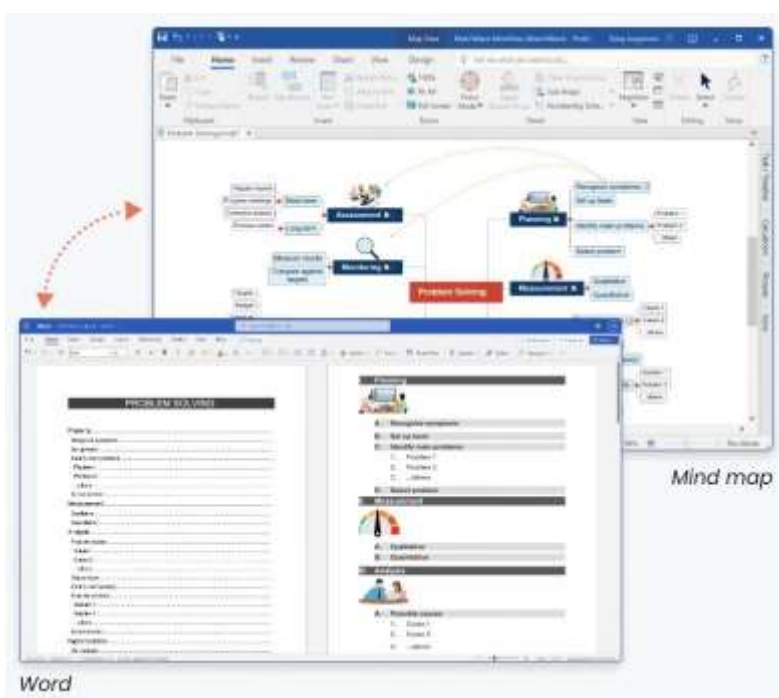
1230 – 1345	Final Review & Knowledge Consolidation <i>Revisiting Key Frameworks and Standards • PMI CPMAI Formula Sheet and Quick Reference • Checklists for Real-World Application • Q&A and Clarification</i>
1345 – 1400	Course Conclusion <i>Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course</i>
1400 - 1415	POST-TEST
1415 - 1430	<i>Presentation of Course Certificates</i>
1430	<i>Lunch & End of Course</i>

MOCK Exam

Upon the completion of the course, participants have to sit for a MOCK Examination similar to the exam of the Certification Body through Haward's Portal. Each participant will be given a username and password to log in Haward's Portal for the MOCK Exam during the 60 days following the course completion. Each participant has only one trial for the MOCK exam within this 60-day examination window. Hence, you have to prepare yourself very well before starting your MOCK exam as this exam is a simulation to the one of the Certification Body.

Simulator (Hands-on Practical Sessions)

Practical sessions will be organized during the course for delegates to practice the theory learnt. Delegates will be provided with an opportunity to carryout various exercises using the "Mindview Software", "Raidlog Simulator" "Visio Software", "ChatGPT" and "PMI Infinity".



The screenshot displays the Mindview Software interface. It features a central mind map with various nodes connected by lines. To the left, there is a list of topics or a table of contents. The interface is labeled 'Mind map' and 'Word'.

Mindview Software



FREE RAID Log Template - RAID Analysis

File Edit View Insert Format Data Tools Extensions Help

100% 123 Default (Aut...) 16

RAID ANALYSIS

	RISKS	ASSUMPTIONS	ISSUES	DEPENDENCIES	
1	Critical	1	0	1	3
2	High	0	0	0	1
3	Moderate	1	0	0	2
4	Low	0	1	0	1
5	Negligible	0	0	0	0
6	Total	2	1	1	4

RAID LOG

ID	Title	Description	Type	Classification	Comments
1	Example 1		Assumption	Moderate	
2	Example 2		Risk	Critical	
3	Example 3		Risk	Moderate	
4	Example 4		Issue	Low	
5	Example 5		Dependency	High	
6	Example 6		Dependency	Critical	
7	Example 7		Issue	Critical	

PM-TRAINING

Raidlog Simulator

Visio Professional

FILE HOME INSERT DESIGN DATA PROCESS REVIEW VIEW

Ishikawa diagram - Factors reducing competitiveness

Shapes

STENCILS SEARCH

Cause and Effect Diagram Shapes

Category 1 Category 2

Effect Fish frame

Primary cause 1 Primary cause 2

Secondary cause 1 Secondary cause 2

Secondary cause 3 Secondary cause 4

Secondary cause 5 Secondary cause 6

Less results...

Ishikawa diagram

Reduced Competitiveness

External Environment Management Project Approach Management

Lobbying Absence of Change Management Rules Disregard for Research and Development Lack of Motivation Programs High Prices of Development

SEC Learning PMI PMBOK Standards isn't Applied in Practice Lack of Training Programs

Incompetent Managers Lack of Market Research

Contradiction between the Duties and Powers Lack of Training Programs Incompetent Managers

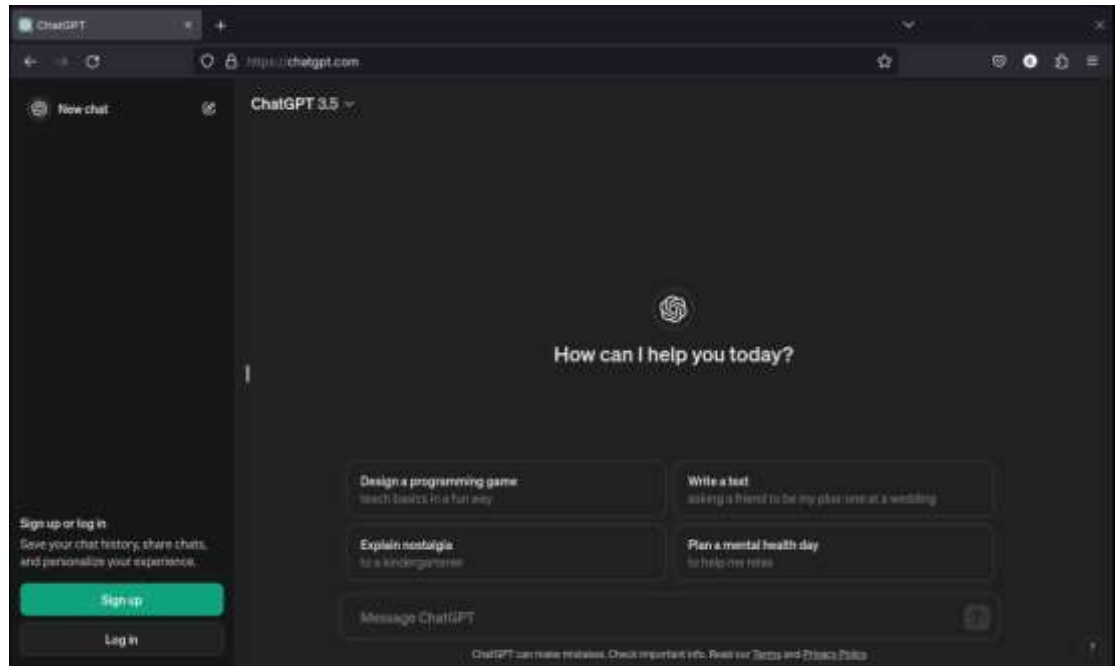
Doesn't Correspond to Process Management Lack of Motivation Programs Incorrect BMP Incompetent Managers

Corporate Structure Staff Process Approach to Management

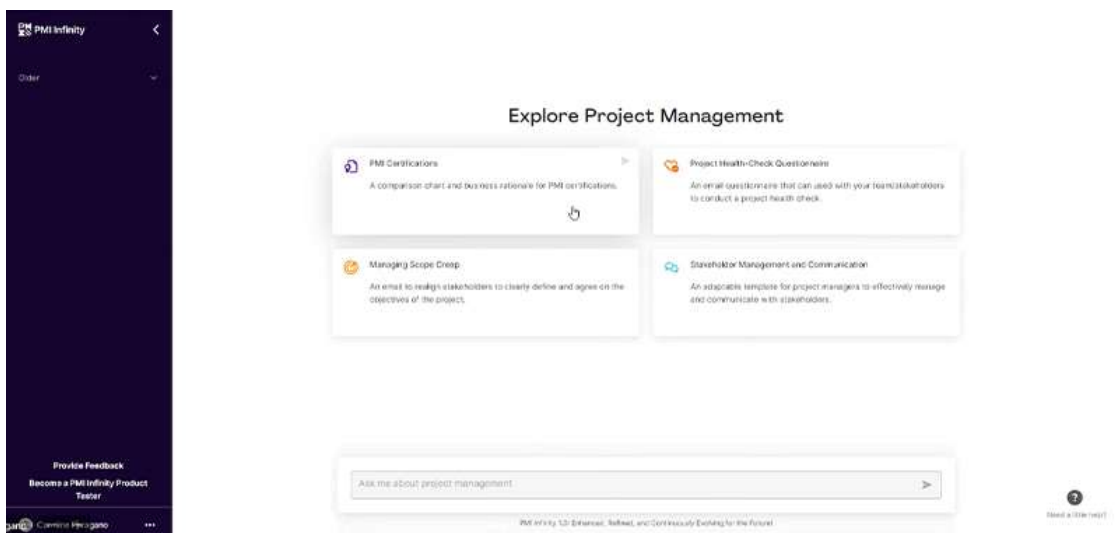
Process Landscape Doesn't Correspond to Activities Formal Implementation of the Standard ISO 9001:2000

PAGE 1 OF 1 ENGLISH (UNITED STATES) 71%

Visio Software



ChatGPT Software



PMI Infinity

Course Coordinator

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