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COURSE BROCHURE

Applied AI for Professionals Training Course

18 – 22 October 2027
New York

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Registered in the United Kingdom and Saudi Arabia

Applied AI for Professionals Training Course

Ref: 107_2701 **Date:** 18 – 22 October 2027 **Location:** New York **Fees:** 9500 GBP

Applied AI for Professionals is a 1-week training course for analysts, coordinators and team leads who want to put AI assistants to work on drafting, data interpretation and routine automation, and who leave with a ranked AI use-case portfolio for their own function. Generative assistants now sit inside everyday office software, so the gap between casual experimentation and dependable results has become a performance issue. Applied AI for Professionals is delivered by Jupiter Prime Training.

Why Applied AI for Professionals Matters Now

Three forces shape applied AI at work today. Assistants are embedded in email, spreadsheet and document software, so every professional already has access. Clients and managers expect faster turnaround on reports and analysis. Information security and legal teams are asking who checks machine-written output before it leaves the building. Organisations that channel this well gain hours back and keep quality steady; those that leave it to chance face leaked files, invented facts in client reports and duplicated effort. The course draws on ISO/IEC 42001, the AI management system standard, and the NIST AI Risk Management Framework AI RMF for its responsible-use guardrails.

Who Gains Most from Applied AI for Professionals

- Professionals who draft reports, proposals and correspondence and want reliable first drafts in less time
- Analysts who interpret spreadsheets, survey results and operational figures and need faster exploratory insight
- Coordinators who run recurring processes such as intake, scheduling and status reporting
- Team leads who decide which AI uses their people adopt and how output is checked
- Specialists in finance, human resources and operations who handle sensitive records and must set usage boundaries

A department that sends three or four members together gains most, because they can agree shared prompt patterns and a common verification habit during the course.

Applied AI for Professionals Capabilities

Participants move from occasional chatbot queries to deliberate, checked use of assistants on the tasks that consume most of their week.

- Assess everyday tasks for assistant suitability using effort, risk and data sensitivity — the use-case shortlist a team lead approves
- Design structured prompts with role, context, constraints and output format — the quality of drafts reviewers receive
- Apply AI-supported data interpretation to spreadsheets and survey results — the findings a manager acts on
- Test assistant output for factual errors, bias and missing context — the client or colleague relying on it
- Build simple no-code automations linking forms, mailboxes and assistants — the process owner measuring cycle time
- Communicate responsible-use boundaries for confidential material — information security and legal colleagues

Key Applied AI for Professionals Terms

- Large language model — a statistical model trained on vast text collections that predicts and generates language in response to a prompt
- Prompt pattern — a reusable instruction structure, such as role, task, context and format, that produces consistent assistant output
- Hallucination — confident assistant output that is factually wrong or unsupported by any supplied source
- Retrieval grounding — supplying the assistant with trusted documents so its answer draws on them rather than general training text
- Human-in-the-loop check — a defined point where a person verifies or approves machine output before it is used
- Use-case portfolio — a ranked list of tasks where AI assistance is planned, with expected benefit, risk level and owner

Applied AI for Professionals Day by Day

Day 1: Where Assistants Fit in Professional Work

- Generative Assistant Capabilities and Limits — Which Tasks Suit Machine Support
- Task Inventory Mapping — Where Weekly Hours Actually Go
- Effort Versus Risk Grid — Choosing First Candidate Tasks
- Data Sensitivity Classification — What May Enter an Assistant
- NIST AI RMF Map Function — Framing Context Before Use

Day 2: Prompting for Reliable Drafts

- Role, Task, Context and Format Pattern — Consistency of First Drafts
- Few-Shot Examples and Style Guides — Matching House Tone
- Iterative Refinement Loops — When to Rewrite Versus Edit
- Summarising Long Documents and Meeting Notes — Accuracy of Briefings
- Personal Prompt Library — Reuse Across Recurring Deliverables

Day 3: AI-Supported Data Interpretation

- Spreadsheet Analysis with Natural-Language Queries — Speed of Exploratory Insight
- Chart and Table Generation — Clarity of Management Reporting
- Survey Comment Clustering — Themes Worth Escalating
- Cross-Checking Calculations Against Source Figures — Trust in Reported Numbers
- Retrieval Grounding with Internal Documents — Reducing Invented Answers

Day 4: Automation and Responsible Use

- No-Code Workflow Builders — Linking Forms, Mailboxes and Assistants
- Human-in-the-Loop Checkpoints — Where Approval Is Mandatory
- Hallucination and Bias Testing — Release Criteria for Output
- ISO/IEC 42001 Control Themes — Aligning Personal Use With Policy
- Disclosure and Attribution Practice — Transparency With Clients and Colleagues

Day 5: Practising the AI Use-Case Portfolio

- Re-Scoring the Task Inventory — Final Shortlist From Day One Grid
- Prompt Library Stress Test — Sector Cases From Banking and Healthcare
- Automation Prototype Walkthrough — Peer Review of Checkpoints
- Benefit and Risk Estimates per Use Case — Sponsor Sign-Off Readiness
- AI Use-Case Portfolio — Ranked Plan With Owners and Checks

Applying Applied AI for Professionals After the Course

- Run a two-week task inventory with colleagues and score each item on the effort versus risk grid to confirm the first three assistant uses
- Publish a shared prompt library for the team's recurring reports, with a human-in-the-loop check named for each template

Applied AI for Professionals Questions FAQ

What is Applied AI for Professionals and why does it matter now?

Applied AI for Professionals is the disciplined use of AI assistants on real office tasks such as drafting, data interpretation and automation. It matters now because assistants are already built into everyday software, and unchecked use creates errors and data exposure.

Which roles gain most from Applied AI for Professionals?

Analysts, coordinators, report writers and team leads gain most from Applied AI for Professionals. Anyone whose week is filled with documents, spreadsheets and recurring processes, in sectors such as banking, healthcare, energy or public services, will find direct uses for the methods.

How does Applied AI for Professionals differ from an AI strategy course?

Applied AI for Professionals works at the level of individual tasks and daily output. A strategy course looks at investment, operating models and enterprise roadmaps; this course gives you hands-on prompting, checking and automation methods you can use the following morning.

What do you bring back from Applied AI for Professionals?

You bring back a ranked portfolio of AI uses for your own role and team. It comes with a tested prompt library, an automation prototype and clear human checkpoints, ready to share with your manager.

Applied AI for Professionals: The Way Forward

The AI use-case portfolio built during the course gives each participant a ranked set of tasks, prompts and checkpoints. Its first decision is which two uses go live next month, and team leads use it to agree verification responsibilities. After the first cycle, revisit the risk scores, since tasks that looked safe can change once real client data flows through them.