



PRACTICAL APPLICATION OF ARTIFICIAL INTELLIGENCE (AI) AND GENERATIVE AI TOOLS FOR WORKPLACE SAFETY PROFESSIONALS

Harness AI responsibly to improve workplace safety, streamline safety management processes, and enhance professional decision-making.

Artificial Intelligence (AI) and Generative AI are transforming how Workplace Safety and Health (WSH) professionals analyse risks, investigate incidents, conduct inspections, develop safety documentation, and deliver training.

This practical programme equips participants with hands-on knowledge and real-world applications of AI tools that can improve productivity, strengthen analytical capabilities, and support better safety outcomes while maintaining professional accountability and human oversight.

WHAT YOU WILL LEARN

-  Generate effective risk assessment drafts
-  Improve incident investigation and root cause analysis
-  Develop Safe Work Procedures (SWPs) efficiently
-  Create safety inspection and audit checklists
-  Produce toolbox meeting and training materials
-  Apply AI responsibly within WSH practices

WHO SHOULD ATTEND

-  WSH Officers
-  WSH Managers
-  Safety Supervisors
-  WSH Coordinators
-  Safety Committee Members
-  Operational Leaders and Team Leads
-  Professionals interested in AI applications for workplace safety

COURSE DETAILS

 Duration	1 Day
 Training Hours	4 Hours
 Venue	SISO Academy
 SDU Points	4 SDUs

ABOUT THE TRAINER



Ms. Soh Guat Hiong is a seasoned Workplace Safety and Health (WSH) consultant, adult educator, and courseware developer with over 30 years of industry experience. She specialises in WSH leadership, occupational hygiene, risk management, and safety culture transformation across diverse industries.

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