

TRAINING PROVIDER:	
Singapore Professionals' And Executives' Cooperative Limited	
COURSE INFORMATION:	
Course Title	AI-Enhanced Logical and Creative Decision Making
Course Duration	1 day (7 hours / 9am to 5pm)
COURSE OUTLINE:	
Course Overview	<p>In our daily lives, we make countless decisions, ranging from minor choices to ones with significant impact. Some are impulsive, others deliberate, and some are delayed or even procrastinated. With the increasing role of AI in decision-making, understanding how to integrate AI tools with logical and creative thinking is essential in making informed and effective decisions. This course is designed to help participants enhance their decision-making abilities by combining traditional logical thinking with AI-powered insights, allowing them to approach problems creatively and systematically.</p>
Objectives	<p>This course aims to provide participants with a clear understanding of the components of logical decision-making, enhanced by AI tools. Participants will learn how to use AI to identify patterns, avoid cognitive biases, and leverage creative problem-solving strategies. By integrating AI, participants will gain confidence in making informed decisions, solve problems systematically, and evaluate ideas to reach well-reasoned conclusions in both personal and professional settings.</p>

<p><b>Key Topics Covered</b></p>	<p>This course explores the following subjects in depth:</p> <ol style="list-style-type: none"> <li>1. <b>Introduction to AI in Decision Making</b> <ul style="list-style-type: none"> <li>○ Overview of AI and its applications in decision-making processes</li> <li>○ The role of AI in augmenting logical and creative thinking</li> </ul> </li> <li>2. <b>Fundamentals of Logical Thinking</b> <ul style="list-style-type: none"> <li>○ Components of logical thinking and problem-solving</li> <li>○ Common cognitive biases and barriers to logical reasoning</li> </ul> </li> <li>3. <b>AI-Driven Problem Solving</b> <ul style="list-style-type: none"> <li>○ How AI tools can assist in data analysis and pattern recognition</li> <li>○ Using AI to streamline complex problem-solving tasks</li> </ul> </li> <li>4. <b>Creative Decision Making with AI</b> <ul style="list-style-type: none"> <li>○ Enhancing creativity through AI-generated solutions</li> <li>○ Combining creative thinking with AI insights for innovative decisions</li> </ul> </li> <li>5. <b>Overcoming Decision-Making Barriers</b> <ul style="list-style-type: none"> <li>○ How AI can help identify and avoid decision-making biases</li> <li>○ Techniques to break through cognitive blocks using AI assistance</li> </ul> </li> <li>6. <b>Practical Application of AI in Everyday Decisions</b> <ul style="list-style-type: none"> <li>○ Using AI for personal and professional decision-making</li> <li>○ Case studies and real-world examples of AI in action</li> </ul> </li> <li>7. <b>Building Confidence in AI-Assisted Decisions</b> <ul style="list-style-type: none"> <li>○ Strategies to combine AI insights with human judgment</li> <li>○ How to make well-informed, confident decisions using AI tools</li> </ul> </li> </ol>
<p><b>Learning Outcomes</b></p>	<p>By the end of the course, participants will be able to:</p> <ul style="list-style-type: none"> <li>• <b>Understand AI's Role in Decision Making:</b> Learn how AI can support logical and creative thinking by providing data-driven insights and removing decision-making biases.</li> <li>• <b>Enhance Logical Thinking with AI:</b> Understand the fundamentals of logical thinking and how AI can streamline complex problem-solving by analyzing data and suggesting logical solutions.</li> <li>• <b>Develop Creative Problem-Solving Skills:</b> Combine creative thinking with AI-generated alternatives to explore innovative solutions and ideas for various challenges.</li> <li>• <b>Apply AI to Overcome Decision-Making Barriers:</b> Learn how to use AI tools to identify and overcome common cognitive blocks and biases that hinder decision-making.</li> <li>• <b>Make Confident, Well-Informed Decisions:</b> Use AI to support more confident decision-making in both work and non-work contexts by identifying key trends and generating actionable insights.</li> </ul>

# SPEC

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<b>Learning Methodology</b>	To anchor the learning, the workshop incorporates interactive delivery of course contents; trainer-facilitated group discussions & sharing; mini case studies; simulated exercises; individual review and reflection; etc.
<b>Who Should Attend</b>	For those who need to be able to assess possible approaches to a problem and choose the best solution confidently and calmly in order to make decisions at work or at home, effectively and without doubt.