

Navigating the AI Landscape:

Critical Thinking

for

Smarter AI Engagement

1-Day Course 2 TRACKS

Business Leaders
Tech Leaders

TECH

CEO/
BUSINESS
leaders

1-Day Course GTAICT

TECH
TRACK

Designed & presented IN PERSON by leading industry expert:



Edmund J Sutcliffe

AI POLICY CONTRIBUTOR

DECEMBER 2025 IRELAND

DUBLIN 16th GALWAY 17th CORK 18th

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Course Overview - GTAICT FOR TECH AUDIENCE

This critical thinking with AI course for tech professionals develops advanced critical thinking and analytical skills specifically designed for evaluating artificial intelligence outputs in professional settings. Participants master systematic analysis techniques used by elite forecasters to dissect AI recommendations, identify logical flaws, and apply rigorous evidence-based reasoning when AI-generated insights inform important decisions. This session transforms participants from passive AI consumers into sophisticated analysts who can critically examine, validate, and strategically leverage artificial intelligence while avoiding the pitfalls that trap less-discerning users.

NON-TECH VERSION - CEO/BUSINESS LEADERS & PROFESSIONALS VERSION ALSO AVAILABLE

Target Audience **TECH AUDIENCE**

This AI course is suitable for a tech audience:

- IT leaders making AI-assisted strategic decisions
- IT Professionals currently using AI tools (ChatGPT, data analysis AI, etc.)
- IT Project Managers integrating AI into workflows and decision-making
- IT Professionals who needs to critically evaluate AI outputs and underlying data

Attendee Prerequisites

Though no coding is involved, participants require a technical background to fully engage with the course conversations and team labs/discussions. This course is not specifically technical; it focuses on judgment skills.

SESSION OUTLINE **08:30 - 16:30 hrs**

Morning: Foundations & Framework

- Science of elite judgment in the AI era
- DARPA-validated superforecaster techniques applied to AI
- Hands-on lab: Structured AI evaluation using research-based methods

Afternoon: Advanced Analysis & Implementation

- Data skepticism and statistical reasoning for AI outputs
- Strategic AI partnership through better human judgment
- Hands-on classroom practice with competitive scoring based on real-world scenarios
- Unique Value Proposition
- Advanced AI Data Analysis Challenge
- Evaluation Review & Integration including real world application planning exercise

Unlike generic "AI literacy" courses, this is grounded in scientifically validated judgment research.

Participants learn the same techniques that consistently outperform experts in prediction tournaments - now applied specifically to AI evaluation.

NB: We offer a separate TECH & NON-TECH track. (CEO/Business leaders' session also available).

*The DARPA project is the *Good Judgement Project* which is talked about in the book *Superforecasting* by Philip E. Tetlock et al.

Delivery Approach

- Interactive with hands-on exercises using real AI outputs
- Practical focus - skills participants can apply immediately
- Small group format (max 14)
- Research based methodology with tournament scoring and calibration exercises

What Participants Leave With

- Structured framework for evaluating any AI output
- Calibration tools to improve decision accuracy

What Participants Will Master

- Elite forecasting techniques from DARPA's superforecaster research for evaluating AI accuracy
- Quantitative uncertainty assessment using 90% confidence intervals
- Rapid validation methods including Doug Hubbard's Rule of Five for efficient AI testing
- Strategic prompt engineering for more reliable AI responses
- Structured frameworks for measuring "unmeasurable" AI claims
- Confidence to lead in an AI-augmented tech environment

Note: *This course teaches critical thinking skills for evaluating and applying outputs from LLMs and other statistical AI methods, equipping you with tools to reason through problems using statistical approaches.*

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COURSE DATES DECEMBER '25

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FLEXIBLE DELIVERY OPTIONS AVAILABLE

- INSTRUCTOR-LED IN-PERSON OPEN COURSES
- BESPOKE ONSITE SESSIONS