

2026 Advanced Data Analytics and AI Masterclass Program

Day 1 – Thursday 8 October 2026

Presenting and interpreting data

9:30am-9:45am	Welcome and opening
9:45am-10:00am	Ice breaker activity
10:00am-10:45am	Keith Govias , Workplace Safety & Risk Principal, Client Solutions, EML Group Beyond the Dashboard: Understanding the Risks, Biases, and Future of Data-Driven Decision Making
10:45am-11:15am	Activity 1: Same data – different stories
11:15am-11:45am	MORNING TEA
11:45am-12:30pm	Andreas Ortega Lucero , PhD UQ Cleaning noisy data and processing datasets. Effects of good and bad data on analysis
12:30pm-1:15pm	LUNCH
1:15pm-2:00pm	Activity 2: Human vs AI Risk Assessment
2:00pm-2:45pm	Devendar Kumar , Data Scientist, RSHQ Data and AI – a regulator's perspective
2:45pm-3:00pm	AFTERNOON TEA
3:00pm-3:45pm	Maureen Hassall , Director Minerals Industry Safety and Health Centre, UQ Responsible use of AI in safety
3:45pm-4:30pm	Debrief and Day 1 wrap-up

Day 2 – Friday 9 October 2026

Trustworthy Models. Responsible and reliable use of AI in Health and Safety, Explainable models

9:30am-9:45am	Welcome and recap of Day 1



9:45am-10:30am	Nicole Shambrook , Process Safety Assurance Manager, Origin Energy Applying AI to enhance Process Safety Event Insights
10:30am-11:15am	Activity 3: Adoption readiness, blue sky thinking
11:15am-11:45am	MORNING TEA
11:45am-12:30pm	Nikodem Rybak MISHC research technology showcase
12:30pm-1:15pm	LUNCH
1:15pm-2:00pm	Mat Hancock , Chief Risk Modeller, Sirius-beta Labs Responsible and reliable use of AI with human in the loop
2:00pm-2:15pm	AFTERNOON TEA
2:15pm-3:45pm	Q&A Panel , Responsible adoption of AI in high-risk industries
3:45pm-4:15pm	Close out and Masterclass wrap-up