

RIMS Managing Data for ERM Workshop Outline

Course Objectives

Workshop participants will walk away with the ability to:

- Understand 6 C's of Trusted Data
- Review how to assess and improve data completeness, cleanliness, current-ness, and consistency
- Learn how to identify, evaluate external data sources to enhance internal data
- Apply hands-on exercises to acquire and mashup data from multiple sources, enrich and enhance it, and visualize and analyze it
- Understand how to work with Data Scientists

Topics

- ✓ Managing Data
 - AI vs machine learning vs deep learning
 - Sample data sets
- ✓ Data driven risk management
 - Challenges of risk management, opportunities, case studies
- ✓ Risk management opportunity definition
 - Analytics actionability, risk assessment, risk control
- ✓ Data augmentation
 - Data hierarchies
- ✓ Data analysis and visualization
 - Demo
- ✓ Advanced analytics
 - Using hierarchies, data scientists, partnering
- ✓ Data and analytics risks
 - AI and cyber risks, global privacy laws, algorithm bias, enterprise analytics

Exercises

Participants engage in activities and interactions designed to reinforce course concepts. RIMS professional instructional designers construct the activities so that the attendees learn from each other as well as from the experienced facilitators. Examples of exercises include:

- ✓ Risk assessment- define a business question, action, KPI/KRI and data
- ✓ Discuss risk control
- ✓ Data blending-explore injuries analysis
- ✓ Data safari and sets exercises

