**Pre-Conference Workshop Description – Track 1**

**Title:** *Introduction to Risk and Fraud Analytics*

This hands-on workshop offers participants a foundational understanding of how analytics can be leveraged to detect, prevent, and manage fraud and risk in financial and organizational settings. Designed for policy analysts, data professionals, and early-career researchers, the session covers core concepts in risk modeling, fraud typologies, and data-driven detection techniques. Through practical exercises using real-world case studies and datasets, attendees will learn how to build and interpret risk scores, apply anomaly detection algorithms, and develop dashboards for ongoing monitoring. No prior programming experience is required—just a working knowledge of Excel and statistics.

**Key Learning Outcomes:**

* Understand the landscape of fraud schemes and organizational risks
* Apply basic statistical and machine learning techniques for fraud detection
* Design simple rule-based and data-driven risk scoring models
* Utilize visualization tools for effective fraud reporting and alerts