



Forensic Data Analytics & CAAT Tools (IDEA + AI Copilot)

Focus:

Deep hands-on analytics for fraud detection

5-Day TOC

Day 1: Data Foundations for Forensic Analysis

- Types of audit data
- Data cleaning & transformation
- Data integrity checks

Day 2: IDEA Tool Deep Dive

- Importing datasets
- Duplicate detection
- Gap detection
- Stratification & aging

Day 3: Advanced Fraud Analytics Techniques

- Benford's Law
- Ratio analysis
- Trend anomalies

Day 4: Copilot + AI Agents for Automation

- Writing audit queries using AI
- Automating fraud detection workflows
- Natural language analytics

Day 5: Dashboarding & Reporting

- Power BI integration
- Fraud dashboards
- Case study: End-to-end fraud analytics