Designing Key Risk Indicator (KRI) Dashboards Training Course

Professional Development Training Course Outline

Category	Risk Management	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In the current Volatile, Uncertain, Complex, and Ambiguous (VUCA) business environment, proactive risk management is no longer optional it's a strategic imperative. Organizations must move beyond reactive reporting to establish early warning systems that anticipate threats and inform data-driven decision-making. This specialized training course focuses on bridging the gap between raw risk data and actionable business intelligence by mastering the design, implementation, and communication of Key Risk Indicator (KRI) Dashboards. A well-designed KRI dashboard transforms disparate metrics into a clear, compelling visual narrative, enabling executive management to monitor risk appetite and control effectiveness in near real-time.

Designing Key Risk Indicator (KRI) Dashboards Training Course is meticulously structured to provide participants with the advanced analytical and data visualization skills required to build robust and predictive KRI frameworks. We will explore the critical difference between Key Performance Indicators (KPIs) and KRIs, focusing exclusively on selecting leading indicators that forecast potential adverse events, thereby enabling timely risk mitigation. Through hands-on exercises with Business Intelligence (BI) tools and a focus on design thinking, attendees will learn to present complex risk information with clarity, context, and call-to-action, ensuring that risk insights drive genuine organizational resilience and support strategic objectives.

Programme Curriculum

Designing Key Risk Indicator (KRI) Dashboards Training Course

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Course Objectives

Upon completion of this course, participants will be able to:

1. Differentiate between Leading and Lagging risk indicators and prioritize the development of Predictive KRIs.
2. Align KRIs directly to organizational Risk Appetite, Strategic Objectives, and the ERM Framework.
3. Apply the Bowtie Method and Risk Control Self-Assessment (RCSA) to identify effective KRI candidates.
4. Master the principles of Data Storytelling to communicate complex risk trends clearly to executive stakeholders.
5. Design and configure KRI Thresholds for automated Early Warning System alerts.
6. Select the optimal Data Visualization chart types for specific risk metrics.
7. Implement Dashboard Design Best Practices for clarity, scannability, and minimal cognitive load
8. Utilize Power BI or Tableau to build interactive, drill-down Enterprise Risk Dashboards.
9. Develop a systematic KRI Data Governance plan, ensuring data quality, lineage, and integrity.
10. Integrate emerging risk themes, such as ESG Risk and Cybersecurity Risk, into the KRI portfolio.
11. Establish clear KRI Ownership and an effective Escalation Process for threshold breaches.
12. Conduct a KRI Validation and Back-testing exercise to confirm indicator effectiveness and statistical relevance.
13. Drive Actionable Insight from dashboard trends to improve Operational Resilience and control effectiveness.

Target Audience

1. Risk Management Professionals (ERM, Operational Risk, Compliance)
2. Internal Audit/Assurance Teams
3. Business Intelligence (BI) Analysts and Data Visualization Specialists
4. Chief Risk Officers (CROs) and Executive Management
5. Heads of Department and Process Owners
6. Data Scientists and Advanced Analytics Teams focused on GRC
7. Financial Control and Treasury Risk Managers
8. IT/Cybersecurity Risk Analysts

Course Modules

1. Fundamentals of KRI Strategy and Framework

- Clarifying the distinct role of KRIs as predictive indicators.
- Alignment to Risk Strategy.
- Defining what makes a KRI truly measurable and actionable.
- Identifying Risk Drivers.
- Case Study: Analysis of a Financial Services firm using high-frequency KRIs to predict an impending Operational Risk event.

2. KRI Data Sourcing and Governance

- Data Lineage and Quality.
- Data Integrity and Automation.
- Threshold Setting Methodology.
- Role of Risk Data Aggregation.
- Case Study: A Manufacturing company's struggle with disparate data sources and the solution: implementing a centralized Risk Data Lake for consistent KRI reporting.

3. Core Principles of Risk Data Visualization

- Human Perception and Cognitive Load.
- Chart Selection for Risk Metrics.
- Color Theory in Risk Reporting.
- Dashboard Layout and Information Hierarchy.
- Case Study: Critique of a 'Bad' vs. 'Good' Cyber Risk Dashboard, focusing on clarity, metric density, and immediate call-to-action.

4. Designing the Executive KRI Dashboard

- Wireframing and Prototyping.
- Interactive Features.
- Context and Annotations.
- Mobile and Accessibility Design.
- Case Study: Developing an Enterprise-Level KRI Dashboard for a high-growth tech company, demonstrating the effective summarization of compliance, financial, and strategic risks.

5. Advanced KRI Analytics and Predictive Modeling

- Statistical Validation
- Time-Series Analysis.
- Machine Learning (ML) in KRIs
- Benchmarking and Peer Analysis.
- Case Study: An Insurance firm using regression models on customer complaints and policy lapse rates (KRIs) to predict future claims spikes (Risk Event).

6. Implementation and Tooling

- Connecting to Diverse Data Sources
- Calculated Fields and DAX/Tableau Functions.
- Automating Refresh and Distribution.

- Security and Access Control.
- Case Study: Building a complete Operational Risk Dashboard from raw data to final visualization using a designated BI platform in a step-by-step lab environment.

7. Governance, Reporting, and Action

- KRI Reporting Cascade.
- The KRI Escalation Protocol.
- Review and Retirement.
- Culture of Risk Awareness.
- Case Study: A Telecommunications company implementing an immediate (4-hour) escalation procedure for network downtime KRI breaches, demonstrating quick-response risk mitigation.

8. Emerging Risk Indicators and Future Trends

- Environmental, Social, Governance KRIs.
- Geopolitical and Macro-Economic KRIs.
- Cloud and Third-Party Risk KRIs.
- The Future of Risk Visualization.
- Case Study: Designing a Supply Chain Risk Dashboard that blends traditional KRIs with new geopolitical and ESG metrics.

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call +254769199797

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

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