Power Business Intelligence Security & Governance Training Course

Professional Development Training Course Outline

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

Course Introduction

Power BI Security & Governance is a critical aspect of modern data management and analytics strategy. Power Business Intelligence Security & Governance Training Course equips participants with advanced skills to implement robust security frameworks, ensure compliance, and manage data governance efficiently across enterprise-level deployments. With the rising demand for secure business intelligence platforms, professionals equipped with these skills are increasingly sought after by organizations striving to maintain data integrity, regulatory compliance, and optimal user access management. Participants will gain hands-on experience in deploying security measures, managing roles, monitoring activities, and establishing governance policies that align with organizational objectives.

This course also emphasizes practical application through real-world case studies and scenario-based exercises, ensuring that participants not only understand the theoretical concepts but also develop the capability to implement them in dynamic business environments. By integrating trending topics such as role-level security, workspace governance, and compliance reporting, the program prepares participants to handle complex data governance challenges while enhancing organizational decision-making processes. Whether you are a BI developer, administrator, or analyst, this training provides the essential knowledge and tools to manage Power BI securely and effectively.

Programme Curriculum

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Course Objectives

1. Understand core principles of Power BI security architecture and governance framework
2. Implement role-level security and dynamic security models
3. Configure workspace, dataset, and report permissions for enterprise environments
4. Manage user authentication, single sign-on, and identity management
5. Apply best practices for auditing, monitoring, and compliance tracking
6. Design governance strategies for Power BI deployment at scale
7. Optimize data access policies and secure sensitive datasets
8. Use Microsoft Purview and data lineage tools for governance insights
9. Establish organizational standards for data usage, sharing, and collaboration
10. Mitigate risks of data breaches and unauthorized access in Power BI
11. Integrate security with Power BI service, Power BI Desktop, and mobile applications
12. Leverage advanced analytics to monitor compliance and operational performance
13. Apply governance policies in real-world case studies and scenarios

Organizational Benefits

- Enhanced enterprise data security and compliance
- Reduced risk of unauthorized data access and breaches
- Streamlined governance policies across Power BI workspaces
- Improved decision-making with reliable and secure data
- Efficient monitoring and auditing of user activities
- Strengthened internal controls for regulatory adherence
- Consistent management of sensitive and confidential information
- Reduced operational inefficiencies in Power BI deployment
- Empowered teams with secure collaboration tools
- Optimized resource allocation and data management strategies

Target Audiences

- Business Intelligence Developers
- Data Analysts and Data Scientists
- Power BI Administrators
- IT Security and Compliance Officers
- Data Governance Managers

- Project Managers overseeing BI implementations
- Enterprise Architects and Solution Designers
- Decision-makers and senior management

Course Duration: 5 days

Course Modules

Module 1: Introduction to Power BI Security & Governance

- Overview of Power BI security architecture
- Key governance principles and frameworks
- Understanding workspaces, datasets, and roles
- Compliance and regulatory considerations
- Best practices for secure data access
- Case Study: Implementing a governance framework in a mid-size enterprise

Module 2: User and Role Management

- Configuring users, groups, and permissions
- Role-level security (RLS) implementation
- Dynamic RLS for flexible access control
- Managing external sharing and guest users
- Monitoring user activity and access patterns
- Case Study: Role management in a global organization

Module 3: Workspace and Content Governance

- Workspace creation and access policies
- Dataset, report, and dashboard security
- Version control and deployment pipelines
- Sharing policies and collaboration best practices
- Access reviews and lifecycle management
- Case Study: Workspace governance for a multi-department company

Module 4: Data Security Best Practices

- Securing sensitive datasets and PII data
- Data classification and masking strategies
- Encryption at rest and in transit
- Integration with Microsoft Purview for data cataloging
- Policy-driven data access controls
- Case Study: Securing financial reporting data

Module 5: Monitoring and Auditing

- Audit logs and activity monitoring
- Usage metrics and anomaly detection
- Security alerts and notifications setup
- Compliance reporting and dashboards
- Operational risk assessment
- Case Study: Implementing auditing for a healthcare organization

Module 6: Governance Strategy Implementation

- Defining organizational governance policies
- Alignment with enterprise data strategy
- Role of BI champions and governance committees
- Policy enforcement across multiple workspaces
- Documentation and reporting standards
- Case Study: Rolling out governance policies in a retail chain

Module 7: Advanced Security Scenarios

- Multi-tenant environments and access segregation
- Integration with Azure Active Directory
- Row-level, column-level, and object-level security
- Data loss prevention and policy exceptions
- Incident response planning and mitigation
- Case Study: Advanced security setup for a financial institution

Module 8: Practical Implementation and Capstone

- Hands-on deployment of security models
- Applying governance policies in live projects
- Scenario-based exercises and simulations
- Troubleshooting and issue resolution strategies
- Best practices for continuous improvement
- Case Study: End-to-end Power BI security & governance project

Training Methodology

- Interactive instructor-led sessions with real-time demonstrations
- Hands-on labs and guided exercises for practical skill development
- Scenario-based case studies to simulate real organizational challenges
- Collaborative group discussions and problem-solving activities
- Assessments and quizzes to reinforce key concepts
- Continuous feedback and mentoring throughout the course

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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