Mastering Grafana Monitoring Tool Training Course

22 - 26 Dec 2025
London - Premier Inn Victorya

AGILE LEADERS
Training Center

Mastering Grafana Monitoring Tool Training Course

Ref.: 36340_262528 **Date:** 22 - 26 Dec 2025 **Location:** London - Premier Inn Victorya **Fees:** 5700 **Euro**

Course Overview:

The course is for IT professionals and organizations aiming to improve monitoring using Grafana. It covers Grafana training, from an overview of its architecture to hands-on sessions such as a tutorial on the user interface and creating dashboards. Participants will learn to install Grafana on various environments, integrate Prometheus and InfluxDB, create dynamic dashboards, and set up email alerts for proactive monitoring. The course emphasizes real-world applications, including monitoring server health, managing users and roles, and creating advanced visualizations. Attendees will leave with a robust skill set for deploying and managing Grafana in different environments.

Target Audience:

- IT Managers
- System Administrators
- DevOps Engineers
- Data Analysts
- Cloud Engineers

Targeted Organizational Departments:

- IT Department
- Network Operations Center NOC
- Data Management and Analytics
- Cloud Operations
- Infrastructure Management

Targeted Industries:

- Information Technology
- Telecommunications
- Healthcare
- Financial Services
- Cloud Service Providers

Course Offerings:

By the end of this course, participants will be able to:

- Understand Grafana architecture and its user interface
- Install Grafana on Linux, Windows, and Docker environments
- Set up Prometheus and integrate it with Grafana
- Create and manage Grafana dashboards, including dynamic variables
- Configure InfluxDB as a datasource for Grafana
- Monitor servers, websites, and Docker services using Grafana
- Use advanced Grafana visualizations for better insights
- Manage users and roles within Grafana

Training Methodology:

This training course combines theory with hands-on exercises, including case studies, interactive sessions, and simulations to teach the application of Grafana in various environments. It covers practical labs for installing Grafana on Linux and Docker, building dashboards, and integrating data sources like Prometheus and InfluxDB. Group activities focus on creating effective visualizations and monitoring solutions, with feedback sessions tailored to participants' learning pace and challenges. This approach fosters a complete understanding of Grafana's capabilities in different use cases.

Course Toolbox:

- Course ebook
- Datasource configuration guides for Prometheus and InfluxDB
- Step-by-step setup instructions for Grafana plugins and integrations
- Online resources and cheat sheets for Grafana commands and queries
- Templates for common Grafana dashboards and reports

Course Agenda:

Day 1: Introduction to Grafana and Setup

- **Topic 1:** Grafana Overview and Key Features
- **Topic 2:** Understanding Grafana Architecture
- **Topic 3:** Navigating the Grafana User Interface
- **Topic 4:** Installing Grafana on Linux and Windows
- **Topic 5:** Managing Grafana Services Start, Stop, Restart
- **Topic 6:** Setting Up Grafana on Docker
- **Reflection & Review:** Review of Installation and Basic Interface Navigation

Day 2: Data Integration and Server Monitoring

- **Topic 1:** Basics of Prometheus Integration with Grafana
- **Topic 2:** Installing and Managing Prometheus for Grafana

- **Topic 3:** Setting Up Node Exporter for Server Metrics
- **Topic 4:** Creating Basic Server Monitoring Dashboards
- **Topic 5:** Using Telegraf as a Data Collector
- **Topic 6:** InfluxDB as a Datasource for Grafana
- **Reflection & Review:** Challenges and Best Practices in Data Integration

Day 3: Advanced Dashboard Creation and Visualization

- **Topic 1:** Building Custom Grafana Dashboards for Data Analysis
- **Topic 2:** Using Variables for Dynamic Dashboard Management
- **Topic 3:** Graph Panel Setup for CPU and Memory Utilization Monitoring
- **Topic 4:** Canvas Panel: Running Automation Jobs and Custom Diagrams
- **Topic 5:** Advanced Visualization Techniques: Thresholds, Legends, and Series Overrides
- **Topic 6:** Creating MySQL-Based Dashboards with Custom SQL Queries
- **Reflection & Review:** Enhancing Visualization Techniques and Dashboard Customization

Day 4: Alerting, Plugins, and Website Monitoring

- **Topic 1:** Installing and Managing Grafana Plugins
- **Topic 2:** Setting Up Email Alerts and Configuring Notifications
- **Topic 3:** Creating Alerts and Annotations in Grafana Dashboards
- **Topic 4:** Monitoring Websites and URLs Using Grafana
- **Topic 5:** Docker Services Monitoring with Grafana
- **Topic 6:** Automating Reports and Visualizations in Grafana
- **Reflection & Review:** Effective Use of Alerts and Integrations in Grafana

Day 5: User Management, Security, and Optimization

- **Topic 1:** Managing Users and Roles in Grafana
- **Topic 2:** Role-Based Access Control RBAC in Grafana
- **Topic 3:** Optimizing Grafana Dashboards for Performance
- **Topic 4:** Python Integration for Data Analysis and Custom Scripts
- **Topic 5:** Advanced Tabular Visualization and Gauge Setup
- **Topic 6:** Best Practices for Long-Term Grafana Management and Maintenance
- **Reflection & Review:** Course Wrap-Up, Final Q&A, and Next Steps

How This Course is Different from Other Grafana Training Courses:

This course focuses on real-world applications and provides hands-on training covering basic setup, advanced integration with data sources, and specialized sessions on using Grafana for Docker monitoring and integrating Python for custom analysis. Participants receive personalized guidance on creating dashboards, configuring alerts, and managing users and roles. The emphasis on practical labs ensures that attendees develop the skills needed to deploy and manage Grafana in dynamic

environments, making it an ideal choice for professionals looking to master Grafana quickly.

WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.

AGILE LEADERS
Training Center

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Gamified and
Interactive Training

We understand that training delivery can be challenging, both online and offline. To ensure engagement and achieve learning objectives, we have developed our own activities and collaborated with industry-leading solutions to gamify our training sessions. This approach increases interaction levels and guarantees effective learning outcomes.

Our Training
Cate gories

We cover a wide range of training categories to cater to different needs and interests

Branding, Marketing, Customer Relations, & Sales Programs
Finance and Accounting Programs
Human Resources Management Programs
Management & Leadership Programs

Political & Public Relations Programs
Project Management Programs
Quality & Process Management
Self-Development Programs

Join Agile Leaders today and embark on a transformative journey towards becoming a more agile and effective leader. Experience our customer-centric approach, actionable training, and guaranteed return on investment. Let us help you unleash your full potential in the dynamic business landscape.

Where to
Find Us

You can join our training programs at our centers located in

We also offer online training sessions through the Zoom platform.

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