

## Day - 1

- - What is Grafana?
  - Why do we need it?
  - Advantage and Disadvantage of Grafana
  - Grafana Comparing with other tools
  - How Grafana works!
  - Grafana Architecture
- - Requirements
  - Install on Debian/Ubuntu
  - Install on RPM-based Linux
  - Install on Windows
  - Install on macOS
  - Run Grafana Docker image
  - Upgrade Grafana
- - With Grafana
  - With Grafana and Prometheus
  - With Grafana and MS SQL Server
  - Time Series
  - Time Series Dimensions
  - Histograms and Heatmaps
  - Glossary
- - PostgreSQL
  - Prometheus

## Day - 2

- Add data source
- AWS CloudWatch
- Cloud Monitoring
- Azure Monitor
- Elasticsearch
- Graphite
- InfluxDB
- Jaeger
- Loki
- Tempo
- Microsoft SQL Server
- MySQL
- OpenTSDB
- TestData
- Zipkin

- Add a Panel
- Panel Editor
- Calculations list
- Queries
- Thresholds
- Transformations
- Share query results
- Inspect a panel
- Field options and overrides
- Visualizations

- Annotations
  - Dashboard Folders
  - Playlist
  - Search
  - Keyboard shortcuts
  - Time range controls
  - Reporting
  - Dashboard Version History
  - Share dashboard
  - Share panel
  - Export and import
  - JSON model
  - Scripted dashboards
- Alert notifications
  - Create alerts
  - Pause alert rule
  - View alerts
  - Troubleshoot alerts