Day - 1	Day - 2
New Relic APM Fundamentals & Agent Management	**Visualizing and Interpreting APM Data**

New Relic APM Fundamentals & Agent Management

- **Introduction to Observability & New Relic**
  - What is Observability?
  - Importance of APM in modern software delivery
  - New Relic One Platform overview

- **APM Concepts & Terminology**
  - Transactions, Services, Traces, Metrics
  - Understanding SLAs and performance indicators

- **Agent Installation and Configuration**
  - Language-specific agent installation (Java, Node.js, Python, etc.)
  - Application naming and environment tagging
  - Configuration best practices

Visualizing and Interpreting APM Data

- **Introduction to Observability & New Relic**
  - Navigating New Relic APM UI
  - Transactions tab
  - Service maps
  - Error analytics

- **Distributed Tracing and Service Maps**
  - Understanding trace data
  - Visualizing dependencies and latency issues

- **Dashboards and NRQL Basics**
  - Building custom dashboards
  - Introduction to New Relic Query Language (NRQL)
  - Creating widgets and charts

Troubleshooting, Alerting, and Full Stack Observability

- **Troubleshooting with APM**
  - Identifying slow transactions and errors
  - Analyzing throughput and response times

- **Alerts and Incident Management**
  - Creating alert policies and conditions
  - Setting thresholds and baseline alerts
  - Integration with Slack, PagerDuty, and email

- **Extending APM with Logs and Infrastructure**
  - Ingesting logs into New Relic
  - Correlating infrastructure metrics with application performance
  - Introduction to Full Stack Observability