Elasticsearch

Duration: 4 Days

Introduction
- Overview of Elastic Search
- Use Cases
- Elastic Search Terminologies

Installation and Configuration
- Deploy Elastic Search
- Configure a multi-node cluster
- Configure cluster nodes
- Deploy and configure Kibana
- Secure Cluster using X-Pack Security
- Managing Users and Roles Using Kibana

Indexing Data
- Create, Read, Update and Delete Operations in Elastic Search
- Bulk API
- Index Templates
- Create custom & dynamic Index Templates
- Reindexing or Updating Documents

Mapping and Text Analysis
- Define Index Mapping
- Managing Custom Analyzer
- Analyzers
- Field Mappings

Cluster Administration
- Allocate the Shard of an Index to Specific Nodes
- Back Up and Restore a Cluster
- Backup and Restore a Specific Indices
- Configure a Cluster for Use with a Hot/Warm Architecture
- Configure Cross-Cluster

Queries
- Search Query
- Multiple Queries into one
- Highlighting the Search Terms
- Sorting the Query Results
- Implement Pagination

Aggregations
- Metric and Bucket Aggregations
- Nested Metric Aggregation