

Elasticsearch Intermediate Training

Curriculum 2 Days

Day - 1	Day - 2
 DAY 1 First Half - Introducing Elasticsearch Pre-requisites and Course Overview A Brief History of Search How Does Search Work? The Inverted Index Lucene, an Open Source Search Library Introducing Elasticsearch Installing and Setting up Elasticsearch Basic Concepts in Elasticsearch Monitoring the Health of the Cluster Executing CRUD Operations Using the Elasticsearch APIs Introducing the cURL Command Line Utility Creating Indices Adding Documents to an Index Retrieving Whole and Partial Documents Updating Whole and Partial Documents Deleting Documents and Indices Performing Bulk Operations on Documents Bulk Indexing of Documents from a JSON File 	 DAY 2 First Half - Executing Search Requests Using Elasticsearch Query DSL Recap: How Search Works The Query and Filter Context Setting up Fake Data for Queries Search Using Query Params Search Using the Request Body Source Filtering Document Contents Full Text Searches The TF/IDF Algorithm for Relevance Queries with Common Terms Boolean Compund Queries Term Queries and the Boost Parameter Search Using the Filter Context DAY 2 Second Half - Executing Analytical Queries Through Aggregations Types of Aggregation Implementing Metric Aggregations The Cardinality Aggregation Implementing Bucketing Aggregations The Filter and Filters Bucketing Aggregations