

Cloudera Search Training (CLD-SEARCH)

COURSE OVERVIEW:

Cloudera University's three-day Search training course is for developers and data engineers who want to index data in Hadoop for more powerful real-time queries. Participants will learn to get more value from their data by integrating Cloudera Search with external applications.

WHO WILL BENEFIT FROM THIS COURSE?

This course is intended for developers and data engineers with at least basic familiarity with Hadoop and experience programming in a general-purpose language such as Java, C, C++, Perl, or Python.

PREREQUISITES:

Participants should be comfortable with the Linux command line and should be able to perform basic tasks such as creating and removing directories, viewing and changing file permissions, executing scripts, and examining file output. No prior experience with Apache Solr or Cloudera Search is required, nor is any experience with HBase or SQL.

COURSE OBJECTIVES:

Through instructor-led discussion and interactive, hands-on exercises, participants will navigate the Hadoop ecosystem, learning topics such as:

- Perform batch indexing of data stored in HDFS and HBase
- Perform indexing of streaming data in near-real-time with Flume
- Index content in multiple languages and file formats
- Process and transform incoming data with Morphlines
- Create a user interface for your index using Hue
- Integrate Cloudera Search with external applications
- Improve the Search experience using features such as faceting, highlighting, spelling correction

COURSE OUTLINE:

Outline

- Introduction Overview of Cloudera Search
- Performing Basic Queries
- Writing More Powerful Queries
- Preparing to Index Documents
- Batch Indexing HDFS Data with MapReduce
- Near-Real-Time Indexing with Flume
- Indexing HBase Data with Lily
- Indexing Data in Other Languages and Formats
- Improving Search Quality and Performance
- Building User Interfaces for Search
- Considerations for Deployment
- Conclusion

SUNSET LEARNING INSTITUTE (SLI) DIFFERENTIATORS:

Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their cloud technology investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

Premiere World Class Instruction Team

- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience.
- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

Convenient and Reliable Training Experience

- You have the option to attend classes at any of our established training facilities or from the convenience of your home or office with the use of our HD-ILT network (High Definition Instructor Led Training)
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

Outstanding Customer Service

- Dedicated account manager to suggest the optimal learning path for you and your team
- Enthusiastic Student Services team available to answer any questions and ensure a quality training experience