



Apache NiFi

Certification Training

Table of Contents

1. About the Program
2. About Intellipaap
3. Key Features
4. Career Support
5. Why take up this course?
6. Who should take up this course?
7. Program Curriculum
8. Project Work
9. Certification
10. Intellipaap Success Stories
11. Contact Us



About the Program

Intellipaate's Apache NiFi online certification training course helps you learn the NiFi dataflow automation, streaming analytics, data ingestion, NiFi configuration, and building a NiFi process, all through real-world projects and case studies.

About Intellipaate

Intellipaate is one of the leading e-learning training providers with more than 600,000 learners across 55+ countries. We are on a mission to democratize education as we believe that everyone has the right to quality education.

Our courses are delivered by subject matter experts from top MNCs, and our world-class pedagogy enables learners to quickly learn difficult topics in no time. Our 24/7 technical support and career services will help them jump-start their careers in their dream companies.

Key Features



**16 HRS INSTRUCTOR-LED
TRAINING**



16 HRS SELF-PACED TRAINING



**32 HRS REAL-TIME
PROJECT WORK**



LIFETIME ACCESS



24/7 TECHNICAL SUPPORT



**INDUSTRY-RECOGNIZED
CERTIFICATION**



**JOB ASSISTANCE THROUGH
80+ CORPORATE TIE-UPS**



FLEXIBLE SCHEDULING

Career Support



SESSIONS WITH INDUSTRY MENTORS

Attend sessions from top industry experts and get guidance on how to boost your career growth



MOCK INTERVIEWS

Mock interviews to make you prepare for cracking interviews by top employers



GUARANTEED INTERVIEWS & JOB SUPPORT

Get interviewed by our 400+ hiring partners



RESUME PREPARATION

Get assistance in creating a world-class resume from our career services team



Why take up this course?

Apache NiFi is finding rapid adoption among enterprises that want to make the best use of big data and transform it into business insights. NiFi is more used in sourcing and transforming data from databases and Big Data lakes. It works with disparate and distributed data sources. Taking up this classroom training in Apache NiFi from Intellipaat will give you industry-relevant experience through hands-on Apache NiFi projects and skills to take on the best jobs in this domain.

Intellipaat's Apache NiFi online certification training provides hands-on projects in NiFi data ingestion, NiFi dataflow, Kylo Data Lake built on top of Apache NiFi, NiFi configuration, automating dataflow, NiFi user interface, connecting to a remote NiFi instance, NiFi flow controller, and more.

Who should take up this course?

- Big Data Hadoop Developers, Architects, and Other Professionals
- Testing Professionals, Project Managers, and Messaging and Queuing System Professionals

Program Curriculum

Apache NiFi Training Course Content

BIG DATA AND HADOOP OVERVIEW

Introduction to Big Data and Hadoop and an overview of various components of the Hadoop ecosystem

BIG DATA ARCHITECTURE (OPTIONAL)

The detailed architecture of Big Data Hadoop and the high-level architecture of Hadoop Distributed File System and MapReduce

DATA LAKE CONCEPTS & CONSTRUCTS

Introduction to the concept of Data Lake, its attributes, support for the colocation of data in various formats, and overcoming the problem of data silos

DATA INGESTION LAYER

The Data ingestion layer in Data Lakes, which is used to transfer data from the source to the destination, and varieties of data ingestion

DATA INGESTION TOOLS & CONCEPTS

NiFi Processor, data ingestion tools available for importing, transferring, loading, and processing data, and an introduction to Apache NiFi for data ingestion

APACHE NIFI CONCEPTS

The fundamental concepts of Apache NiFi, the concepts of FlowFile, FlowFile Processor, flow controller and their attributes, and functions in dataflow

APACHE NIFI ARCHITECTURE

Introduction to the architecture of Apache NiFi and various components, including FlowFile Repository, Content Repository, Provenance Repository, and web-based user interface

INSTALLATION REQUIREMENTS & CLUSTER INTEGRATION

Apache NiFi installation requirements, cluster integration, successfully running Apache NiFi, adding a processor, scaling up and down, and working with attributes

KEY FEATURES OF APACHE NIFI

Important features of Apache NiFi, the dataflow function, various aspects of FlowFile, File Professor, flow controller, processor group, and connection

QUEUING & BUFFERING DATA

Data buffering in Apache NiFi, the concept of queuing, latency and recovery, working with directed graphs, controller services, data routing and transformation, processor configuration, connection, and addition

DATABASE CONNECTION WITH NIFI

Connecting NiFi to the database, transforming, splitting, and aggregating data, the process of data egress, monitoring NiFi, reporting, data lineage, NiFi administration, and the expression language

NIFI CONFIGURATION BEST PRACTICES

Various best practices in Apache NiFi configuration, ZooKeeper access and properties, encryption, custom properties, guidelines for developers, NiFi Kerberos interface, and data security in Hadoop

NIFI CONFIGURATION BEST PRACTICES

Installation of Apache NiFi, configuration, deploying the toolbar, building a dataflow using NiFi, working with various templates by creating, exporting, and importing them to construct a dataflow, and deploying batch ingestion and real-time ingestion in Apache NiFi

Project Work

NiFi Training Project

What projects are included in this NiFi certification training?

Installation of Apache NiFi, configuration, deploying the toolbar, building a dataflow using NiFi, working with various templates by creating, exporting, and importing them to construct a dataflow, and deploying batch ingestion and real-time ingestion in Apache NiFi

Certification

After the completion of the course, you will get a certificate from IntelliPaat.



CERTIFICATE OF COMPLETION

This certificate is awarded to

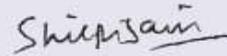
Your Name

Who has successfully completed

Course Name

Fulfilling all the requirements stipulated by IntelliPaat to achieve professional excellence.

Issued Date: Month XX, XXXX



Mrs. Shilpi Jain
Director,
intellipaate Software Solutions Pvt. Ltd.

VERIFIED
CERTIFICATE

Certificate ID #94658291

Success Stories



Kevin K Wada

Thank you very much for your top-class service. A special mention should be made for your patience in listening to my queries and giving me a solution, which was exactly what I was looking for. I am giving you a 10 on 10!



Sampson Basoah

The Intellipaateam helped me in selecting the perfect course that suits my profile. The whole course was practically oriented, and the trainers were always ready to answer any question. I found this course to be impactful. Thank you.



Sugandha Sinha

Intellipaate's course instructors were excellent and well-versed with their concepts. The support team solved all my queries within the promised 24 hours. They explained all topics and concepts well, and the course material was updated and included videos, exercises, etc. I would highly recommend Intellipaate to those who wish to excel in the IT field.

CONTACT US

INTELLIPAAT SOFTWARE SOLUTIONS PVT. LTD.

Bangalore

AMR Tech Park 3, Ground Floor, Tower B,
Hongasandra Village, Bommanahalli,
Hosur Road, Bangalore – 560068

USA

1219 E. Hillsdale Blvd. Suite 205,
Foster City, CA 94404

If you have any further queries or just want to have a conversation with us, then do call us.

IND: +91-7022374614 | US: 1-800-216-8930