TECHX

NEW COHORT / OPEN NOW

DUAL CERTIFICATE PROGRAM IN

Big Data, AWS and Hadoop.

No fluff. No fake certificates. Build real things, work with the tools companies actually pay for, and finish with a portfolio recruiters open.

Nigeria | Spain | Bulgaria | Dubai, UAE

Start in Nigeria - complete in Spain, Bulgaria or Dubai

```
~/techx/big-data-aws-hadoop
$ enroll --path big-data-aws-hadoop
> 200+ hours of learning and practicals
> 15+ projects and case studies  |  15+ tools and technologies
> prerequisite knowledge: none   education background: any
```

www.techx.work
admissions@techx.work

Internationally accredited program
TECHX Labs, Ajman, Dubai, UAE

// the.unfair.advantage

Why TECHX graduates get picked first.

TECHX is a no-fluff tech academy. We train engineers companies actually want to hire through real projects, senior mentorship and an open hiring pipeline.

Real projects, real stakes

You will not build another todo app. You ship to real users early, and finish with a portfolio recruiters actually open.

1:1 senior mentorship

Weekly calls with working engineers who have shipped what you are learning.

Open hiring pipeline

Pass the capstone and your portfolio goes directly to our partner companies. No cover-letter games.

Cohort or async

Live cohorts every quarter, or fully async with weekly check-ins. Learn at the pace your life allows.

// outcomes

1,381 Active students	**96%** Placement rate	**$48k** Median first offer
40+ Hiring partners	**4.9** Mentor rating	**180+** Capstones shipped

// learning.path

Learning Path

Seven steps from your first lesson to a lasting career.

01 **Learn through case studies**
Concepts are taught against real industry problems, not toy examples.

02 **Undergo hands-on training**
Live labs on the actual tools: AWS, Hadoop, Spark and more.

03 **Perform assignments**
Practice work after every module, reviewed by mentors.

04 **Capstone project**
A real-world build that proves mastery and anchors your portfolio.

05 **Interview prep and soft skills**
Resume building, mock interviews and communication training.

06 **In-class assessment and feedback**
Regular assessment with clear feedback on your assignments.

07 **Lifetime career support**
Access to hiring partners and career guidance after you finish.

// mode.of.learning

Start in Nigeria. Finish where the work is.

Begin your program in Nigeria and complete it in Spain, Bulgaria or Dubai, UAE. Choose live cohorts every quarter, or go fully async with weekly check-ins, and build at the pace your life allows.

Nigeria | Spain | Bulgaria | Dubai, UAE

// skill.sets

Skill-Sets Covered in Big Data, AWS and Hadoop

AWS Big Data Services
Core AWS data stack

Amazon S3 and Data Storage
Object storage and data lakes

Data Processing with Amazon EMR
Managed Hadoop and Spark clusters

Hadoop and HDFS
Distributed storage and processing

Apache Spark and Hive
Large-scale processing and SQL

Data Warehousing with Amazon Redshift
Warehouse design and analytics

Data Analytics with Amazon Athena
Serverless SQL on your lake

Data Ingestion with AWS Glue and DMS
ETL and database migration

Data Queuing with Amazon SQS
Event-driven pipelines

Tools & Technologies You Will Learn

Apache Hadoop | Apache Spark | Apache Hive | Apache Kafka | Apache Flink | Apache NiFi | Apache Druid | Apache Superset | Delta Lake | Databricks | Confluent | MLflow | Keras | spaCy | AWS | Microsoft Azure | Google Cloud Platform | Amazon Athena | Amazon QuickSight | GDPR essentials

Prerequisite knowledge: NONE | Education background: ANY

// career.outcomes

Know Your Future As a

Big Data, AWS and Hadoop Professional

Job roles you can apply for after the program.

- Data Analyst
- Big Data Engineer
- Data Scientist
- Cloud Data Architect
- Machine Learning Engineer
- Business Intelligence (BI) Developer
- AWS Solutions Architect
- Hadoop Developer
- Data Operations Specialist
- Backend Developer (Java)
- Enterprise Application Developer
- Technical Architect

...and many more.

// open.hiring.pipeline

Pass the capstone. Skip the cover-letter games.

Graduates' portfolios go directly to 40+ partner companies, backed by interview preparation, resume building and soft-skills training from day one.

// curriculum

Course Curriculum

Big Data, AWS and Hadoop

A hands-on program for managing, processing and analyzing vast amounts of data with AWS and open-source big data tools. Practice with Amazon S3, EMR, Redshift, Athena, Glue, Lambda, SQS, QuickSight, SageMaker, CloudTrail and more, all tied to real-world use cases.

200+
hours of learning and practicals

15+
projects and case studies

15+
tools and technologies

ORIENTATION

- Course Expectations and Structure
- Introduction to the Learning Environment

INTRODUCTION TO AWS AND BIG DATA ANALYTICS

- Overview of AWS and Big Data
- Setting Up AWS Environment
- Introduction to Amazon S3

DATA PROCESSING WITH AMAZON EMR

- Introduction to Amazon EMR
- Hadoop and HDFS on EMR
- Apache Spark on EMR
- Advanced Spark Techniques
- Data Processing with Apache Hive

DATA WAREHOUSING AND ANALYTICS

- Introduction to Amazon Redshift
- Redshift Data Warehousing Concepts
- Data Analytics with Amazon Athena
- Building Data Lakes with AWS Lake Formation

// curriculum

Course Curriculum

Big Data, AWS and Hadoop

DATA INGESTION AND INTEGRATION

- Data Ingestion with AWS Glue
- Data Migration with AWS Database Migration Service (DMS)
- Data Processing with AWS Lambda and Amazon SQS

DATA VISUALIZATION AND BUSINESS INTELLIGENCE

- Introduction to Amazon QuickSight
- Advanced QuickSight Techniques
- Business Intelligence Strategies

MACHINE LEARNING AND AI IN BIG DATA

- Introduction to AWS Machine Learning Services
- Big Data and AI Integration

SECURITY AND COMPLIANCE IN BIG DATA

- Data Security Fundamentals
- Managing Permissions and Auditing

CAPSTONE PROJECT

Apply and showcase your skills on a hands-on, real-world project.

- Capstone Project Allocation, Mentorship and Presentation

CAREER ENHANCEMENT

Skills, insights and strategies to advance your career in big data.

- Soft Skills Training
- Interview Preparation

// program.tiers

Program Options

Big Data, AWS and Hadoop

Pick the depth that fits your goal. Application fee: FREE. Admissions will confirm your tuition schedule after approval.

	Certification 4 Months	Diploma 6 Months	Master Diploma 10 Months
100+ hours weekend sessions	✓	✓	✓
200+ hours live interactive weekday tutorials	✓	✓	✓
LMS and study material access	✓	✓	✓
Lifetime career support	✓	✓	✓
2 months internship experience	—	✓	—
6 months on-job training work experience (as Big Data Analyst)	—	—	✓

// refer.a.friend

Refer a friend and unlock rewards.

Spread the word and help others start a rewarding learning journey. Ask admissions@techx.work about current referral rewards.

// certification

International Certification, within your reach.

Certificates for this program are issued through our partner institution, so what you earn is recognised beyond TECHX.



// enrollment

Lock your seat. FREE to start.

Approved students get a tuition schedule that fits their reality. Apply at www.techx.work and choose your preferred path, experience level and cohort.

Application fee: FREE

Apply at www.techx.work

TECHX

Become undeniable in tech.

For any queries, please contact

admissions@techx.work

www.techx.work

TECHX Labs | Ajman, Dubai, UAE

Nigeria | Spain | Bulgaria | Dubai, UAE