

JOB ORIENTED DATA ENGINEERING COURSE

Explore, Engage, Excel

Our Be Job-Ready program isn't just about learning—it's about doing.

Get hands-on training in a simulated Data Analyst work environment, complete with real-world projects and tasks you'll encounter in a real job.





CAREER TRANSITION PROGRAM DETAILS

Change your domain from (Non IT to IT) as a Data Engineer.

COURSE DURATION

4-5 Months

ENROLLMENT FEES

10000 INR



FEES AND PAYMENT STRUCTURE

Enrollment Fee: ₹10000 Limited slots available - secure yours early!

FINAL FEE (PAY AFTER PLACEMENT)

If offered CTC \leq ₹5 LPA: Pay 6% of CTC

If offered CTC $>$ ₹5 LPA: Pay 7% of CTC

INSTALLMENT OPTION

Yes, payable over 3 months after job placement.



COURSE OVERVIEW

Designed for Career Switchers

Ideal for professionals from non-IT or any background looking to enter the data/analytics domain.

Job-Ready in 12–15 Weeks

Intensive, structured training focused on hands-on learning and practical application.

Real-World Projects

Simulate business scenarios to build portfolios that impress recruiters.

Learn Industry-Relevant Tools

GitHub

SQL for database querying

Azure/AWS. Hadoop, Hive, SQOOP

Python for automation and analysis

Career Support

Resume building tailored to analytics roles

Mock interviews with real-time feedback

LinkedIn optimization and job referrals

TARGET AUDIENCE

Graduates from IT and Non-IT Backgrounds

B.Tech, B.Com, B.A., B.Sc, BBA, BCA, etc.

Looking to enter the IT sector without prior technical experience.

Working Professionals Seeking Career Change

BPO/Call Center employees

Retail/Sales/Support roles Teachers, Bankers, or any field unrelated to IT

Freshers or Unemployed Graduates

Struggling to find their first job Need job-oriented, skill-based training with placement support

Individuals with Career Gaps

Home makers or those who took a break and want to restart their career.

Diploma Holders in Computers or Technical Fields

Who didn't get into IT earlier but want to enter now with the right skills

Freelancers/Part-time Workers

Interested in transitioning into a full-time IT role with better stability and income

WHAT YOU WILL LEARN?

SQL

SPARK

HADOOP

PYTHON

AZURE/AWS

MAPREDUCE

SQOOP



Python for Data Analysis

Build logic, data structure fluency, and analysis workflows in Python.

Python Basics

Syntax, Variables, Data Types

Type Casting, Built-in Functions

Control Structures: if, for, while

Core Data Structures: list, tuple, set, dict

Functions, Lambda Expressions

File I/O and Exception Handling



Azure Data Services



Azure Data Factory (ADF) for ETL/ELT orchestration



Creating and scheduling data pipelines with ADF



Azure Synapse Analytics for data warehousing and big data analytics

Azure Blob Storage for scalable data storage



Azure Databricks for distributed data processing with Apache Spark



Azure SQL Database: Managed relational database service



AWS Data Services



 Introduction to AWS Services for Data Engineering

Amazon S3 for object storage

Amazon Redshift for data warehousing

AWS Glue for ETL/ELT jobs

Amazon EMR for distributed processing with Hadoop and Spark (High-Level overview)



SQL for Data Querying & Modeling

Gain confidence in data extraction, joining, and analytics from relational databases.

- Database Basics: Tables, Schema, Keys
- SQL Fundamentals: SELECT, WHERE, ORDER BY, LIMIT
- Filtering with LIKE, IN, BETWEEN
- Joins: Inner, Left, Right, Full, Self
- Aggregations: GROUP BY, HAVING
- Subqueries & CTEs
- Window Functions: ROW_NUMBER, RANK, LEAD, LAG
- Views, Indexes, and Optimization Tips
- Integration with Python or Power BI

Apache Spark



Spark architecture and cluster modes

RDDs vs DataFrames vs Datasets

Spark SQL: working with structured data

Transformations and actions

Spark Streaming: real-time data processing

Machine learning pipelines with MLlib (intro level)



HDFS (Hadoop Distributed File System)



Blocks and replication

NameNode and DataNode

File storage commands and usage

Integration with Spark, Hive, Sqoop



Apache Hive



Hive architecture: Metastore, Driver, Executor

HiveQL syntax: DDL, DML, Joins, UDFs

Partitions and Bucketing

Integration with HDFS and Spark



Apache Airflow:



DAGs, Tasks, Operators (PythonOperator, BashOperator, etc.)



Scheduling and triggering jobs

XComs, task dependencies, retries

Airflow UI for monitoring and management

Integrating with DBs, APIs, Spark, and cloud services



Real-World Capstone Project + Soft Skills

Simulate job-level projects and build communication + project delivery skills.

- Capstone Project Planning
- End-to-End Execution:
 - Data Sourcing (Open APIs, Kaggle, Web scraping)
 - Cleaning, Analysis, Dashboarding
 - Final Report + Executive Summary
 - Resume-Worthy Storytelling: STAR Method for Projects
 - Communication & Visualization Best Practices
 - Mock Interview Prep

FREQUENTLY ASKED QUESTIONS



Who can join this course? Anyone with a graduation/ Diploma in any stream - no coding knowledge required **What if i have no technical background?** No worries! the course starts from the basics and provides hand-on training.



Will i get help with interviews and resumes? Absolutely! we assist with resumes, mock interviews, and job preparation.

Is there job assurance? Yes! we provide 100% Assistance, till the time you don't give up.

