

Data Engineer Course in Chennai

Kickstart your career with whalecoursetechnologies' Data Engineer Course in Chennai. Learn key skills like data pipelines, databases, cloud tools, and big data handling in an easy, hands-on way. Join online or offline classes and gain real-world experience, with placement support to help you land your dream job. Enroll now and step confidently into the world of data engineering!

Want No Coding IT Jobs in 90 Days ?

Want No Coding IT Jobs in 90 Days ?

Join Now

Get Started



3 Month
Duration

No
Coding

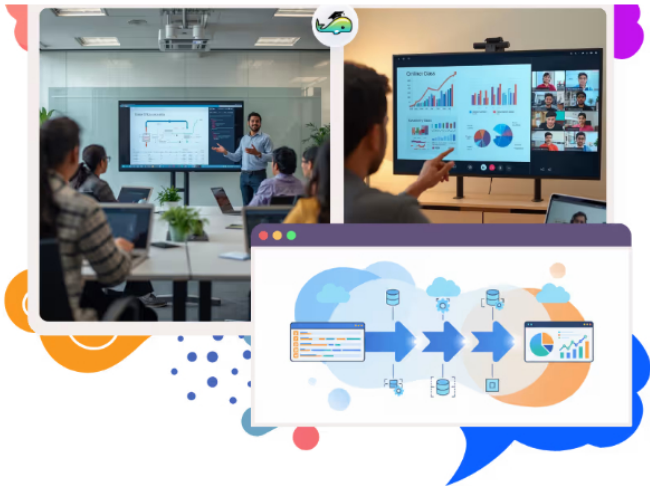
Any
Degree

100%
Placement

No
IT Experience

High Paid
Job

Any
Graduation Year



About the Data Engineer Course

Our Data Engineer Course in Chennai equips students and professionals with essential skills in data pipelines, databases, and cloud technologies. Through hands-on projects and real-world case studies, you'll gain practical experience to build and manage data systems that power modern businesses. Learn from experts, master the tools companies use, and step confidently into a high-demand data engineering career.

Student Enrollment Overview

47

Students Enrolled

24

Placed Student

0+

Years of Experience

0.1 LPA

Average Starting Salary

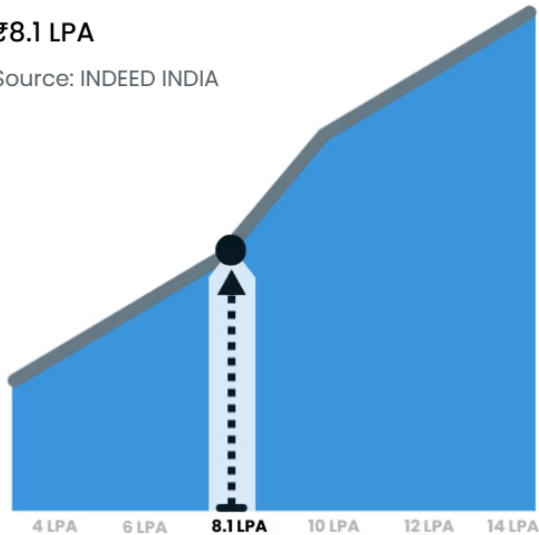
Data Engineer Course: Why Are They in High Demand?

Data Engineer course is in **high demand** because companies are using large data platforms and pipelines to build analytics, AI, and real-time applications. This course teaches important skills like data modeling, ETL/ELT, cloud platforms, pipeline automation, and big data tools. Learning these skills helps students and professionals secure high-growth jobs in the tech industry.

Average Data Engineer Salary (India)

₹8.1 LPA

Source: INDEED INDIA



Rapid Market Growth in Data Engineering

39%

Demand rising fast as companies adopt cloud platforms, big data tools, and real-time data pipelines.



Cross-Industry Hiring & GCC Expansion

53%

Hiring increasing across IT, fintech, e-commerce, telecom, healthcare, and expanding Global Capability Centers.



Target Students

Who is this for ?

Whalecourse technologies offers a Data Engineer Course in Chennai designed for students, beginners, and professionals aiming to build a strong career in data engineering. With hands-on projects and expert guidance, you'll gain the skills and confidence to manage data pipelines, databases, and analytics in real-world IT environments.

Aspiring Analysts

College Graduates

Career Switchers

IT Professionals

Analytics Enthusiasts

Tech Learners

Data Beginners

Future Scientists

Problem Solvers

Placement Support

Job Roles in Data Engineer

Whalecourse technologies provides dedicated placement support for Data Engineer students, guiding you toward high-demand job roles in the IT industry. From Data Engineer to Cloud Engineer and BI Developer, gain the skills and career guidance needed to land your dream tech job.

Data Engineer

ETL Developer

Big Data

Data Analyst

BI Developer

Cloud Engineer

Data Warehouse

ML Engineer

Database Admin

Our Students in Leading Companies



Essential Data Engineer Tools

Master the **essential data engineering tools** used by top professionals to build, manage, and optimize data systems. Gain hands-on experience with tools like **SQL, Python, Apache Spark, Hadoop, Airflow, and cloud platforms** to advance your career in data engineering.

Data Engineer



Structured Course

Data Engineer Course Content

Our Data Engineer Course in Chennai is designed to give students and professionals a complete understanding of data pipelines, databases, ETL processes, cloud platforms, and big data tools. Gain **hands-on skills** to build real-world data systems and launch a career in high-demand IT roles.

1. SQL & Databases

- ✓ Introduction to Databases
- ✓ Creating Databases & Tables
- ✓ Data Types & Constraints
- ✓ Joins (INNER, LEFT, RIGHT, FULL, CROSS)
- ✓ Aggregate & Group Functions (COUNT, SUM, AVG, MIN, MAX)
- ✓ Subqueries & Views
- ✓ Indexes & Keys (Primary, Foreign, Unique)
- ✓ Basic Optimization & Performance

[Download Syllabus](#)

2. Python for Data Engineering

- ✓ Python Basics: Variables, Data Types, Operators
- ✓ Conditional Statements & Loops
- ✓ Functions & Modules
- ✓ Data Structures (List, Tuple, Set, Dictionary)
- ✓ Libraries: Pandas, NumPy
- ✓ File Handling & Automation

3. ETL & Data Pipelines

4. Big Data & Apache Spark

- ✓ Introduction to ETL
- ✓ Data Extraction from Files & Databases
- ✓ Data Transformation & Cleaning
- ✓ Data Loading into Warehouses or Lakes
- ✓ Workflow Orchestration (Airflow Basics)

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- ✓ Big Data Overview & Hadoop Ecosystem
- ✓ Spark Architecture & RDDs
- ✓ DataFrames & Spark SQL
- ✓ ETL with Spark

5. Cloud & Data Warehousing

- ✓ Cloud Platforms Overview (AWS/Azure/GCP)
- ✓ Cloud Storage & Data Warehouse Basics (Redshift, BigQuery, Snowflake)
- ✓ Deploying Data Pipelines on Cloud

[Download Syllabus](#)

6. Data Visualization & Reporting (Basic)

- ✓ Connecting to Data Sources
- ✓ Building Dashboards with Power BI / Tableau
- ✓ Basic Charts & Reports
- ✓ Publishing & Sharing Dashboards

7. Hands-On Projects

- ✓ Build ETL Pipelines
- ✓ Real-World Data Processing with Spark / Hadoop
- ✓ Cloud-Based Data System Project
- ✓ Dashboard & Reporting Project

[Download Syllabus](#)

8. Career & Placement Guidance

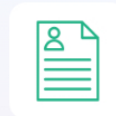
- ✓ Resume Preparation & Interview Tips
- ✓ Job Roles in Data Engineering
- ✓ Mock Interviews & Placement Support
- ✓ Industry Insights & Best Practices

Launch Your Career with Our 100% Placement Support

100% Placement Support



Build a Winning Resume



Mock Interviews



Industry Networking



Personalized Mentorship



Expert Trainers with Industry Experience

Learn from our expert Data Engineer trainers with real industry experience, who bring practical knowledge and hands-on skills to every session. Their guidance ensures you gain confidence, build real data pipelines, and master the tools needed to succeed in a high-demand IT career.





Completely Beginner-Friendly Data Engineer Course

No Prior Knowledge is Required

This course is perfect for complete beginners in Data Engineering! No previous experience is required—just curiosity and a willingness to learn. Our hands-on, step-by-step training will teach you how to work with data pipelines, databases, cloud platforms, and ETL workflows, so you can confidently build real-world data systems and start a rewarding IT career.

[Access Combo Course](#)

Job-Ready Data Engineer Program

Our Job-Ready Data Engineer Program equips you with the skills and expertise that top IT employers are looking for. Learn to build and manage data pipelines, work with databases and cloud platforms, and gain the confidence to succeed in the fast-growing data engineering industry.

-  Career Guidance
-  Flexible Timing
-  Realtime Projects
-  Placement Support
-  Expert Trainers
-  Live Classes

- a key skill in a Data Engineer Course.
- ✓ Collect, clean, and transform raw data from multiple sources for analysis and storage.
- ✓ Work with databases, data warehouses, and cloud platforms to store and manage large datasets.
- ✓ Query, manipulate, and optimize data using SQL, a core part of a Data Engineer Course.
- ✓ Apply Python, Spark, or other tools to automate data workflows and processing tasks.
- ✓ Understand ETL processes to move and prepare data for analytics and business solutions.
- ✓ Work on real-world data engineering projects using industry-relevant datasets to gain hands-on experience.
- ✓ Monitor, troubleshoot, and maintain data systems while ensuring data quality and reliability.
- ✓ Build and deploy scalable data solutions, turning raw data into actionable insights for businesses.



Student Success Stories

The Data Engineer course at whalecoursetechnologies gave me hands-on skills with large datasets and cloud pipelines, helping me start my first data engineering role.

Kamal V
Junior Data Engineer

Even with no prior data experience, the course's structured approach made SQL, Python, and ETL easy to learn. Now, I manage real-world data systems as a Data Engineer.

Mathan M
Data Engineer Intern

Hands-on projects with cloud platforms, Spark, and data pipelines, along with mentorship, gave me the confidence to start my data engineering career.

Kavin S
Data Engineer

Master In-Demand Job Guarantee IT Courses

Gain hands-on skills in the latest IT tools and techniques to become job-ready and advance your career.



Data Analytics

- POWER BI + TABLEAU + PYTHON + SQL + POWER APPS + POWER AUTOMATE + EXCEL
- 60+ Hours + Placement Training
- Online, Offline
- English, Tamil

Dive In



AWS

- EC2 + S3 + IAM + VPC + EFS + EBS + SQS + SNS + CODE DEPLOY & CODE PIPELINE
- 120+ Hours + Placement Training
- Online, Offline
- English, Tamil

Dive In



Testing

- JAVA + SQL + SELENIUM + BASIC FRAME WORK + ADVANCED FRAME WORK + MANUAL TESTING + API TESTS + MOBILE TESTING + IPT
- 90+ Hours + Placement Training
- Online, Offline
- English, Tamil

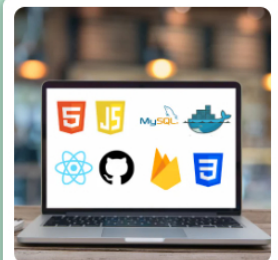
Dive In



Digital Marketing

- SEO + SEM + SMM + SMO + WORDPRESS + CANVA + CONTENT WRITING + PPC
- 60+ Hours + Placement Training
- Online, Offline
- English, Tamil

Dive In



Full Stack Dev

- HTML + CSS + JAVA SCRIPT + ANGULAR JS + REACT JS + CORE JAVA + ADVANCED JAVA + J2EE + SPRING BOOT + MYSQL + MONGO DB + DEVOPS TOOLS
- 90+ Hours + Placement Training
- Online, Offline
- English, Tamil

Dive In

Why Whale is the Smarter Choice

Whales

Others

Languages

English, Hindi, Telugu & தமிழ்

English, Hindi, Telugu & தமிழ்

Support 1:1

Mail, Chat & Call – 24/7

Mail, Chat & Call – 24/7

Support Until Placement



Mock Interview

Real Time Projects

Lifetime Access Recordings

Lifetime Access Materials

Interview Questions

Working Professionals as Trainers



Global Recognition

Earn a certification that is recognized worldwide, enhancing your credibility and career opportunities.



Stand Out From

Showcase your skills and distinguish yourself from the competition in the data analytics industry.



Competition with Whalecourse

Gain an edge over peers by showcasing your Whalecourse certification and industry-relevant skills.



High-Quality Education With Affordable Price

EMI

One Time

₹15,000

+ GST

Per month • For 2 months

Features

- 20 Sessions & 4 Tools
- 60-Hour Live Classes
- English, Tamil
- Lifetime Access to Recordings
- 5 Final Projects

Data Analytics



- Online Projects
- Placement Support

Frequently Asked Questions

 Placement

 Pricing

 Mentors

 General

Does Whalecoursetechnologies provide placement support? –

Yes! Our data engineer institute offers complete placement assistance, including resume guidance, mock interviews, and job referrals to help you confidently start your career.

What job roles can I apply for after completing the course? +

Are freshers eligible for placement support? +

Will working on real projects help me get hired? +

Company

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Social Profiles

 [YouTube](#)

 [Facebook](#)

 [Instagram](#)

 [Twitter](#)

 [LinkedIn](#)

 [Threads](#)

 [Pinterest](#)

Our Location

No 6, OMR Road, Nehru Nagar, Perungudi, Chennai, Tamilnadu – 600 096, Land mark : (Next to Shree Gupta Bhavan)

 [View on Map](#)

Mail: whalecoursetechnologies@gmail.com

Phone No: 89 3995 5993

We are conveniently located in Chennai. If you are staying or looking training in any of these areas, Please connect with our career advisors to discover your closest branch.

Our Service Location: Velachery, Adyar, Tambaram, Anna Nagar, T.Nagar, OMR, Porur, Thiruvanniyur, Siruseri, Madipakkam, Medavakkam, Guindy, Kodambakkam, West Mambalam, Mylapore, Saidapet, Chromepet, Pallavaram, Ashok Nagar, Vadapalani, Perungudi, Thoraipakkam, Sholinganallur, Ambattur, Avadi, Poonamallee, Mount Road, Egmore, Nungambakkam, Kilpauk, Purasawalkam, George Town, Royapettah, Alwarpet, Besant Nagar, Kotturpuram, Nandanam, Virugambakkam, Valasaravakkam, Porur, Ramapuram, Manapakkam, Mugalivakkam, Maduravoyal, Vanagaram, Ayapakkam, Mogappair, Anna Nagar West, Thirumangalam, Kolathur, Villivakkam, Perambur, Vyasarpadi, Tondiarpet, Tiruvottiyur, Ennore, Minjur, Red Hills, Puzhal, Madhavaram.

Tamil Nadu Districts & Cities We Serve: Tirupur, Nagapattinam, Coimbatore, Sivagangai, Hosur, Theni, Villupuram, Kumbakonam, Karur, Perambalur, Tirunelveli, Dharmapuri, Madurai, Tenkasi, Cuddalore, Avinashi, Tiruchirappalli (Trichy), Krishnagiri, Nilgiris (Ooty), Ramanathapuram, Vellore, Kanchipuram, Dindigul, Ranipet, Tiruvannamalai, Sivakasi, Namakkal, Pollachi, Thanjavur, Pudukottai, Virudhunagar, Mayiladuthurai, Tirupattur, Ariyalur, Erode, Salem, Mettupalayam, Nagercoil (Kanyakumari), Thoothukudi (Tuticorin), Kallakurichi, Palani & all major towns across Tamil Nadu.

We assure you that traveling an additional 10-15 minutes will lead you to the "The Best Training Institute" which is worthy of your investment and career.

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