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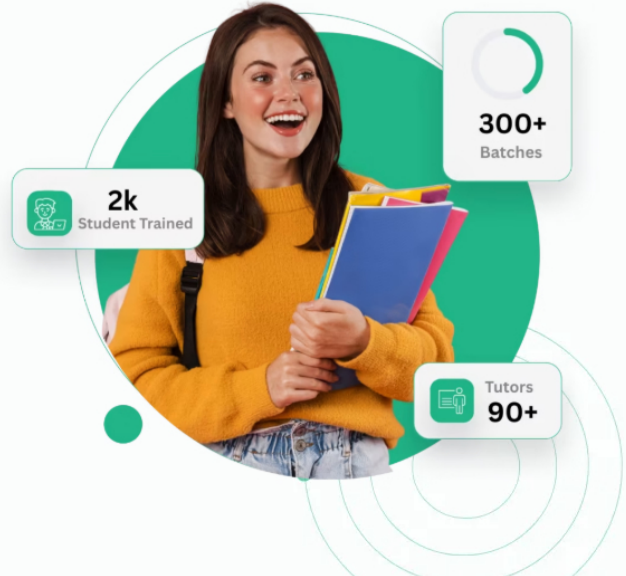
# Data Analytics Course in Chennai

Unlock your data-driven career with Whalecourse, offering an expert Data Analytics course in Chennai both online and offline. Gain practical, hands-on experience, industry-relevant skills, and real-world projects that make you fully job-ready. Take the next step toward a high-growth IT career and confidently transform your future with Whalecourse today.

## 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 Analytics Course

Our Data Analytics Course in Chennai equips students and professionals with key skills in data analysis, visualization, and machine learning. Through hands-on projects and real-world case studies, you'll gain practical experience to analyze data and solve business challenges.

## Student Enrollment Overview

**1,807**

Students Enrolled

**924**

Placed Student

**5+**

Years of Experience

**5.4 LPA**

Average Starting Salary

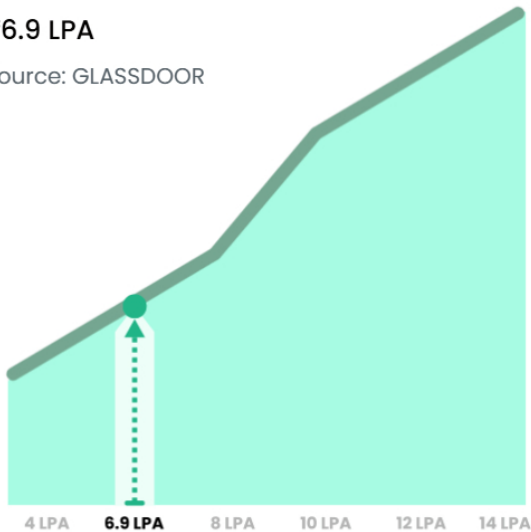
# Data Analytics Course: Why Are They in High Demand?

The **Data Analytics course** is in **high demand** as businesses increasingly rely on data-driven decisions. These programs equip students with essential skills in data analysis, visualization, and machine learning, helping them advance their careers in the growing data-driven industry.

## Average Data Analyst Salary (India)

₹6.9 LPA

Source: GLASSDOOR



## Rapid Market Growth in Analytics

35.8%

Grand View Research forecasts India's data analytics market to grow from ~US\$3.55B in 2024 to ~US\$21.3B by 2030, a ~6× increase (CAGR ≈35.8%).



## GCC Expansion

52%

Job posting share and demand rose strongly — ~52% growth in analytics-related postings over the last 5 years.



## Target Students

### Who is this for ?

Welcome to our website, where we offer a comprehensive Data Analytics course designed to enhance your skills and career prospects. Whether you want to master data analysis, visualization, machine learning, or gain expert guidance, we have programs to suit every learner.

Fresh Graduates

IT Professionals

Working Professionals

Career Switchers

Business Leaders

Startup Leaders

Marketing Professionals

Academic Professionals

Data Enthusiasts

## Placement Support

### Job Roles in Data Analytics

Our Data Analytics course includes dedicated placement support to help you secure your dream job. We guide you toward high-demand roles, preparing you with the skills and confidence needed to succeed in the industry.

Data Analyst

Business Analyst

Data Scientist

Data Engineer

BI Developer

Marketing Analyst

Operations Analyst

Financial Analyst

Product Analyst

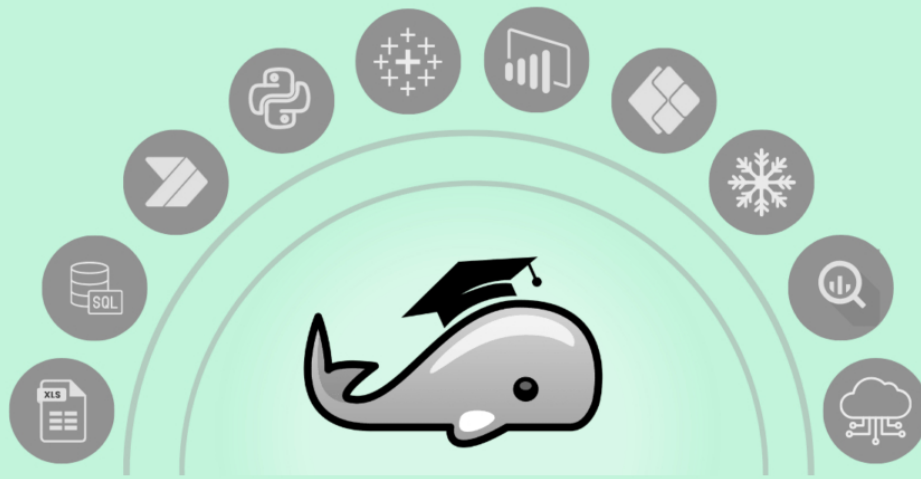
## Our Students in Leading Companies



## Essential Data Analytics Tools

Master the **essential data analytics tools** used by top professionals to analyze, visualize, and interpret data effectively. Gain hands-on experience with tools like **Excel, SQL, Power BI, Tableau, and Python** to advance your career in data analytics.

# Data Analytics



### Structured Course

## Data Analytics Course Content

Our Data Analytics course is designed to provide a comprehensive understanding of data handling, analysis, and visualization, equipping students with practical skills to excel in real-world analytics projects.

### Power BI Syllabus

1. Introduction
2. Installation
3. Data Types
4. Data Modeling
5. DAX Functions
  - ✓ Aggregation & Grouping: Sum, Average, Count
  - ✓ Date & Time Functions: Today, Year, DateAdd
  - ✓ Logical Functions: IF, AND, OR, NOT
  - ✓ Filter Functions: Filter, All
  - ✓ Statistical Functions: Max, Min, Median
  - ✓ Text Functions: Concatenate, Left, Right, Mid
  - ✓ Information Functions: ColumnName, Columns, DataTable, ISBLANK, ISCOLUMN, ISEBPROP, ISEMPTY
6. Power Query Editor
  - ✓ Data Source Connectivity: Importing data from various sources like files and databases
  - Data Transformation: Renaming columns, changing data types, removing duplicates, filtering, sorting, merging, pivoting/unpivoting data
  - ✓ Error Handling
  - ✓ Data Loading
7. Column Tracking
8. Split Column & Choose Column
9. Join, Extract, Format
10. Advanced Query Operations: Append Query, Duplicate Query, Creating Dimension Tables, Merge Query

[Download Syllabus](#)

## Tableau Syllabus

1. Tableau Interface: Demo, Products, Desktop
2. Data Types in Tableau
3. Types of Connections
4. Dimensions & Measures
5. Discrete & Continuous Data
6. Tableau File Extensions
7. Groups, Combine, Sets, Parameters, Combined Sets, Hierarchies
8. Filters: Data Source, Extract, Dimension, Measure, Cascading, Context
9. Functions: Number, Aggregate, Logical, String, Table Calculations, Window, Date, Quick Table Calculation, Null Handling, Analytics
10. LOD (Level of Detail) & Bins
11. Types of Axis & Charts
12. Maps & Filters
13. Dashboards: Basic & Advanced Preparation
14. Dashboard Actions
15. Data Modeling, Relationships & Data Blending
16. Joining: Cross-Database Join
17. Tableau Server / Tableau Online
18. Embedded & Published Data Sources
19. Site Roles & User Controls
20. RLS (Row Level Security), Alerts, Subscriptions, Metrics
21. Empty Extracts

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## SQL Syllabus

1. Introduction
2. Installation
3. Creating Databases and Tables
4. Data Types
5. Operators
6. Case Manipulation Functions: UPPER(), LOWER(), INITCAP()
7. Character Manipulation Functions: SUBSTRING(), CONCAT(), LEN(), TRIM(), REPLACE()
8. Other Functions: Date, Null, Number, General
9. Aggregate & Group Functions: COUNT(), SUM(), AVG(), MIN(), MAX(), GROUP BY, HAVING
10. Analytical Functions
11. SQL Commands: Data Definition, Data Manipulation, Transaction Control, Data Query Language (DQL) Commands
12. Joins: INNER, LEFT, RIGHT, FULL, CROSS
13. Constraints: NOT NULL, PRIMARY KEY, UNIQUE, FOREIGN KEY, DEFAULT, INDEX, CHECK
14. Set Operators: UNION, UNION ALL, MINUS, INTERSECT
15. Views and Materialized Views
16. Sub-Queries
17. Pseudo Columns: ROWID, ROWNUM, LEVEL, CONNECT\_BY\_ISLEAF, SYS\_GUID()

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## Python Syllabus

1. Introduction
2. Installation: Python, Anaconda, and Jupyter Notebook
3. Compilation vs Interpretation
4. First Basic Program: "Hello World"
5. Variables
6. Data Types
7. Operators
8. Functions and Methods
9. Conditional Statements: if, if-else, if-elif-else
10. Loops: for, while
11. Regular Expressions
12. Packages, Modules, and PIP
13. Regular Expressions
14. Packages, Modules, and PIP
15. Exceptions
16. Object-Oriented Programming (OOP)
  - ✓ Classes and Objects
  - ✓ Constructor
  - ✓ Attributes and Methods
  - ✓ Inheritance

- 9. Conditional Statements: if, if-else, elif
- 10. Loops: while, for
- 11. Data Structures: List, Tuple, Set, Dictionary
- 12. Iteration Tools: map, filter

- ✓ Encapsulation
- ✓ Polymorphism
- 17. Anonymous Functions (Lambda)
- 18. Python Libraries: NumPy, Pandas, Matplotlib
- 19. Generators and Closures

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## Power Automate Syllabus

- 1. Create Automatic Emails to Gmail accounts with attachments stored in OneDrive
- 2. Create Automatic Groups using Microsoft Forms
- 3. Send Automatic Birthday and Wedding Wishes via email
- 4. Set Up Power BI Alert Notifications to Microsoft Teams and Outlook
- 5. Refresh Datasets automatically
- 6. Support Team Assistance for troubleshooting issues or errors

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## Power Apps Syllabus

- 1. Introduction
- 2. Installation
- 3. Getting Started with Developer Environment
- 4. Variables
- 5. Collections
  - ✓ Creating, Accessing, Manipulating, Iterating, Clearing
- 6. Creating Automatic Mails for Birthdays and Components
  - ✓ Canvas Apps
  - ✓ Model-Driven Apps
  - ✓ Data Sources
  - ✓ Controls
  - ✓ Expressions
  - ✓ Screens
  - ✓ Data Integration
- 7. Dynamic Assignment
  - ✓ Using formulas, variables, collections, contextual information, controls, and properties
  - ✓ Responding to user interactions
- 8. Functions
  - ✓ Data, Control, Math, Text, Logical, Date & Time, Input & Interaction
- 9. Formulas
  - ✓ onselect, onclick, Upper, Lower, Proper, Launch, Navigation
- 10. Creating Canvas Apps Using SQL & SharePoint
- 11. Data Validation Using SQL & SharePoint
- 12. Creating Apps Using Forms and Gallery
- 13. CRUD Operations
  - ✓ Create, Read, Update, Delete
- 14. Creating Cascading Dropdowns
- 15. Integrating Power BI with Power Apps
  - ✓ Creating Power BI Reports
  - ✓ Publishing Reports to Power BI Service
  - ✓ Generating Embed Code
  - ✓ Embedding Power BI Reports in Power Apps
  - ✓ Configuring Interactivity
  - ✓ Testing and Publishing

[Download Syllabus](#)

## 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 trainers with industry experience, who bring real-world knowledge and practical skills to every session. Their guidance ensures you gain hands-on expertise and confidence to succeed in the IT industry.



Completely Beginner-Friendly Data Analytics Course







## No Prior Knowledge is Required

This course is designed for absolute beginners in Data Analytics! You don't need any prior experience—just a willingness to learn. Our step-by-step approach will help you understand data analysis, visualization, and business intelligence concepts, and gain the confidence to work with real-world datasets.

[Access Combo Course](#)

## Job-Ready Data Analytics Program

Our Job-Ready Data Analytics Program equips you with the skills and knowledge demanded by top employers. Learn to analyze, visualize, and interpret data effectively, gaining the confidence to excel in the data-driven industry.

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

Highly Practical

What You'll Learn ?

- ✓ Learn to collect, clean, and preprocess data for analysis.
- ✓ Create charts, dashboards, and interactive reports using tools like Power BI, Tableau, or Excel.
- ✓ Understand descriptive and inferential statistics to extract insights.
- ✓ Query, manipulate, and manage datasets efficiently using SQL.
- ✓ Apply Python or R for data analysis, modeling, and automation.
- ✓ Transform data into actionable insights for business decision-making.
- ✓ Work on real-world projects using industry-relevant datasets.
- ✓ Communicate findings effectively through dashboards and reports.



## Student Success Stories

Whalecourse is the best institute for its experienced faculty, industry-relevant syllabus, job placement support, and flexible learning options.

Shanmuga Pandian  
Student

I extend my sincerest gratitude to Whalecourse for their instrumental role in helping me achieve my career goal of securing a position at an esteemed company.

Rajesh M  
Entrepreneur

I have joined Whalecourse for Data Analytics. The trainers are very supportive, clear all doubts freely, and the teaching method is excellent.

Ashok  
Cyber Security

## 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



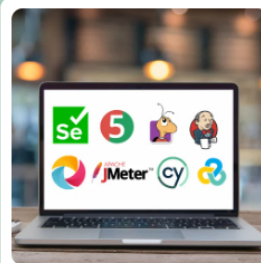
### AWS

EC2 + S3 + IAM + VPC + EFS + EBS + SQS & SNS + CODE DEPLOY & CODE PIPELINE

120+ Hours + Placement Training

Online, Offline

English, Tamil



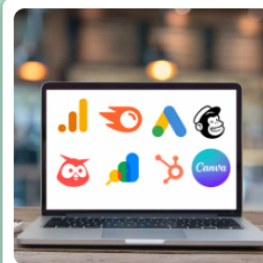
### Testing

JAVA + SQL + SELENIUM + BASIC FRAME WORK + ADVANCED FRAME WORK + MANUAL TESTING + API TESTS + MOBILE TESTING + IPT

90+ Hours + Placement Training

Online, Offline

English, Tamil



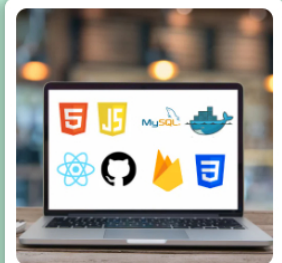
### Digital Marketing

SEO + SEM + SMM + SMO + WORDPRESS + CANVA + CONTENT WRITING + PPC

60+ Hours + Placement Training

Online, Offline

English, Tamil



### 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

Dive In

Dive In

Dive In

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	✓	✗

## Whale Courses Certification: Key Benefits



### 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 Whalescourse

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





