DATA ANALYTICS

"Step into the world of data-driven insights with our Data Analytics course. Master the skills to analyze complex data, uncover trends, and make informed decisions that propel businesses forward. Elevate your career by becoming the expert every organization needs."
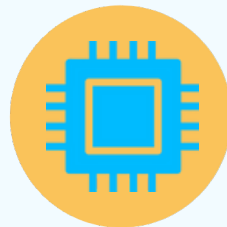
data Analytics

HIGHLIGHTS OF THE
Learning Path

160+ Hours of Online Classes

Limited Students Batch

Career Service and Placement opportunity
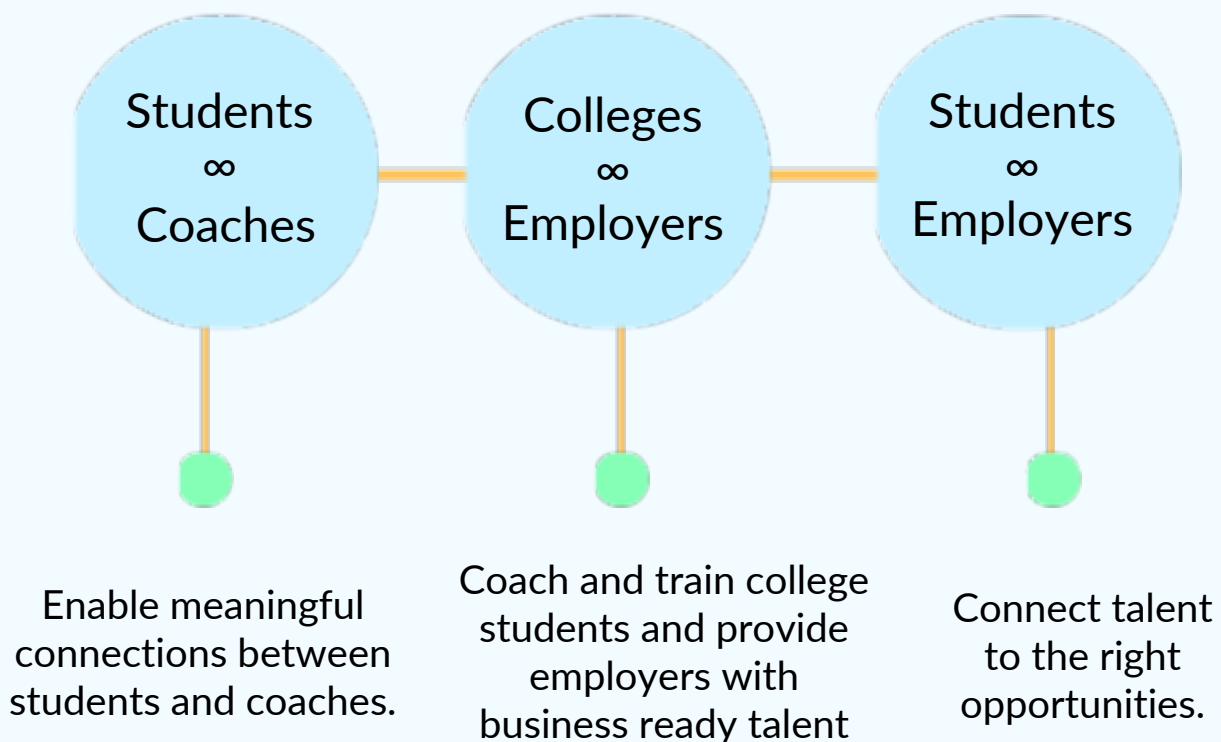
Learn 3+ Technologies

Learn from Experts

2000+ Certified Learners

Start Your Application

WHO ARE WE?

Adhyayan IT Training & Placement is a IT career platform for students and jobseekers enabled by personalized learning paths, career coaches and access to opportunities. Be it a career transition, your first job, campus placements preparation or any career guidance. Adhyayan is a one- stop solution to all your career needs.

Students ∞ Coaches

Colleges ∞ Employers

Students ∞ Employers

Enable meaningful connections between students and coaches.

Coach and train college students and provide employers with business ready talent

Connect talent to the right opportunities.

BEST IT TRAINING & PLACEMENT CENTER IN PUNE

WHAT IS Data Analytics?

Data analytics involves the systematic analysis of raw data to extract meaningful insights, patterns, and trends. It leverages statistical tools, algorithms, and software to interpret data, helping organizations make informed decisions, optimize operations, and predict future outcomes.

VIDEO EXPLAINATION

CAMPUS TOUR OF ADHYAYAN

SALIENT FEATURES OF THE COURSE

160+ Hours of Intensive Learning

80+ Hours of Hands-on Practical Sessions

Career Services and Placement opportunity

Lifetime Access to Latest Content

Learn from the Industry Experts

24X7 Support through Discussion form
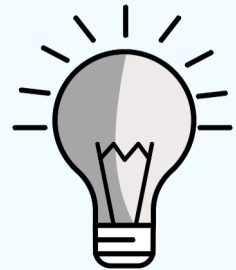
Career Support

Build your Softskills

WHO SHOULD TAKE THE COURSE?

Any College Fresher Student, 0-2 Yrs Experience.
CODING BEGINNERS, IT DEVELOPERS

WHY ADHYAYAN?

Adhyayan IT Training & Placement VS **Other Classes**

Adhyayan IT Training & Placement	Feature	Other Classes
More than 95%	Course Completion Rate	Less than 20%
Dedicated Placement Cell	Placement Services	No
Yes	Live Classes with Experts	No
Yes	Dedicated Student Mentor	No
Yes	1:1 Doubt Clearing Sessions	No
Yes	1:1 Placement Preparation	No
Yes	Live Projects	No
Yes	Continuous Mocks, Viva and Feedback Sessions	No
Yes	Personalised Course Structure	No
Yes	Industry Guest Lectures	No

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ABOUT THE COURSE

In today's data-driven world, the ability to analyze and interpret data is an invaluable skill across industries. This Data Analytics course is designed to equip you with the tools and techniques needed to transform raw data into actionable insights. Whether you're aiming to enhance business decision-making, optimize processes, or drive strategic initiatives, this course will provide you with a comprehensive understanding of the entire data analytics process.

Throughout the course, you will delve into essential topics such as data collection, cleaning, and visualization. You will learn how to use industry-standard tools like Excel, SQL, Python, and Tableau to manipulate large datasets and uncover trends, patterns, and correlations. By mastering both descriptive and predictive analytics, you will be able to generate meaningful reports and forecasts that can inform critical business strategies.

The course also emphasizes real-world applications, ensuring that you gain hands-on experience through case studies and practical projects. By the end of the program, you will have the confidence and competence to analyze data effectively and contribute to data-driven decision-making in any professional setting.

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WHAT WILL YOU LEARN
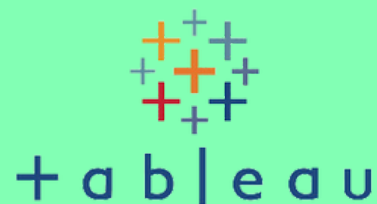
- MY SQL
  - Introduction to Databases
  - Softwarestation
  - Types of SQL Commands
  - Data Types in SQL
  - DOL and DML and TCL commands
  - Database Constraints
  - Operators in SQL
  - Grouping operations
  - Ranking functions
  - Analytical functions
  - Joining Tables
  - Views
  - Triggers
  - Introduction to subqueries
  - different types of subqueries
  - Indexing
  - Sequence Objects
  - Stored procedures

- Tableau
  - Intro to Tableau Tool
  - Data pane window
  - Groups
  - Set
  - Parameters

WHAT WILL YOU LEARN

CURRICULUM

- **Filters in Tablesu**
- **Calculated fields**
- **Data Biending and Join**
- **Charts in Tableau**
- **Reference lines and Distributiona**
- **LOD's**
- **Intro to Dashboard**
- **Story**
- **Creating a Dashboard**
- **Creating a Advanced Dashboard**
- **Tableau public server**

- **Excel**

  - **Introduction to Excel: Quantum of Excel and Basics**
  - **Introduction to Functions: Commonly used Excel Functions**
  - **Anchoring data: Referencing**
  - **Named ranges and its uses**
  - **Referring data from different tables: Various types of Lookup**
  - **Nested IF**
  - **Referring data from different tables: Advanced functions**
  - **Data Handling: Data cleaning**

WHAT WILL YOU LEARN

CURRICULUM

- **Data type identification**
- **Data restrictions**
- **Data Handling: Formatting and Filtering**
- **Data Summerization: Advanced functions**
- **Charts**
- **Data Summerization: Pivots**
- **Preparing the Dashboard**
- **Power query**
- **power pivot**
- **use case discussion: Data Preparation**
- **Project Summarization**
- **Intro to Automation: Macros (Recorded /VBA)**
- **VBA**

- **Basics of R**

  - **Introduction to R**
  - **Installation of Rstudio**
  - **Data Types in R**
  - **Decision making statements**
  - **Loops**
  - **Functions**
  - **Built in Functions in R**
  - **Joins**
  - **dplyr and ggplot2**

WHAT WILL YOU LEARN

- Basics of Python
    - Anaconda Installation
    - Introduction to python
    - Data types
    - Opearators
    - Data types Contd
    - Slicing the data
    - Inbuilt functions in python
    - Sets
    - Set Theory
    - Regular Expressions
    - Decision making statements
    - Loops
    - Functions
    - Lambda functions
    - Modules
    - Pandas
    - Numpy
    - Matplotlib
    - Seaborn
- Business Stats
    - Descriptive Statistics
    - Probability and Normal Distribution
    - Inferential Statistics
    - Data cleaning and Insights

WHAT WILL YOU LEARN

CURRICULUM

- **Power Bi**
  - **Power BI Introduction**
    - Introduction to Modelling
    - Default summarization and sort by
  - **Power BI Desktop Visualizations**
    - Creating visuals
    - Colour and conditional formatting
    - Setting sort order
    - Scatter and bubble charts and play axis
    - Tool tips
    - Page and Report level filters
    - Drill down/up
  - **DAX Expressions**
    - Introduction to Dax
    - Important Dax used in Power BI along with its applications
    - how to create calculated columns
    - measures in Power BI and difference in its application
    - Scenarios with Questions on Dax & explanation
  - **Publishing and Sharing**
    - Publish from Power BI Desktop
    - Publish reports to Web
    - Sharing reports and Dashboards
    - Workspaces
    - Apps

We provide 1:1 placement coaching in a series of sessions

Role Clarity

Knowledge Check

Project Assignment

Project evaluation and Development

Resume Building

Mock Interview

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OUR COACHES

Vaibhav Sir
Python, Django,
Data Science, ML

Girish Sir
Core Java, Database,
JDBC, Hibernate

Ajinkya Sir
Core Java, Advance
Java, Spring, JDK8

Mayur Sir
HTML,CSS,JS,
React, Node JS

Akriti Ma'am
HTML,CSS,JS, Angular,
Ruby on Rails

Yashashree Ma'am
Resume Building,
Personality Development

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CAREER TRANSITION OF ADHYAYAN LEARNERS

Digvijay K.

Cloud & DevOps

Knackbe Technologies

Chetan P.

Fullstack Python

TATA ELXSI

Mangesh K.
Fullstack Java

Inferyx

Amit N.

Fullstack Java

Datamato Technologies

Yogesh T.

Fullstack Java

Rootware Technologies

Mayur M.

Fullstack Java

JJIT

WHAT OUR CERTIFIED STUDENTS SAY ABOUT OUR COURSE?

RECOMMEND

Abhishek Wakde

I am learning data science from this institute. Genuinely, class teacher as well as his teaching skills are amazing, easy to understand. Staff and teacher is so friendly and supportive. It provides online as well as offline classes.

RECOMMEND

Parag Joshi

The course was well organised, clear and easy to follow and the instructor was very knowledgeable with excellent presentation skills." "The instructor did a great job in covering the course material. His personality was lively and encouraged engagement from all students." Software testing course was explained In details with live project.

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WHAT OUR CERTIFIED STUDENTS SAY ABOUT OUR COURSE?

Pramod Marathe

If I am share My experience with the Adhyayan IT Training And Placement institute, including aspects like the quality of instruction, practical application of skills, and any support provided by the trainer. It wag great Experience here As a Student.

Sejal Thombre

I'm doing full stack python course at Adhyayn IT Training and Placement. This is best place for learning programming languages. Teacher here is excellent... plus point of this class is he cover each topic deeply and repeately and

explaine practically and also help to increase student confidence and build logical thinking for program.

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CERTIFICATES

CERTIFICATE OF COMPLETION

AITTP122323

Adhyayan
IT TRAINING AND PLACEMENT

CERTIFICATE
OF COMPLETION

This Certificate Proudly Presented To

Your Name

as participated in **Core Python** Training in our organisation Adhyayan IT Training & Placement. Participant's exposure in these areas is very good. During training period we found the participant sincere and eager to learn. We wish the learner success in future endeavour.

COURSE DURATION: **64 Hours**   COURSE MODE: **OFFLINE**

AUTHORIZED SIGNATORY

Dec 30, 2023
DATE ISSUED

> **Start Your Application**

POTENTIAL RECRUITERS