



# Adhyayan

IT TRAINING AND PLACEMENT

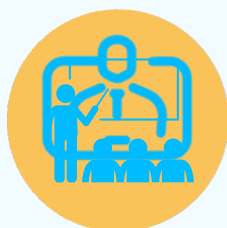
## DATA ANALYTICS

"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."



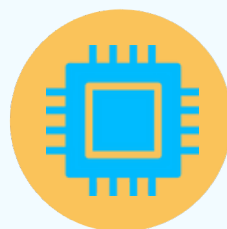
# HIGHLIGHTS OF THE Learning Path

160+ Hours of Online Classes



Limited Students Batch

Career Service and Placement opportunity



Learn 3+ Technologies

Learn from Experts



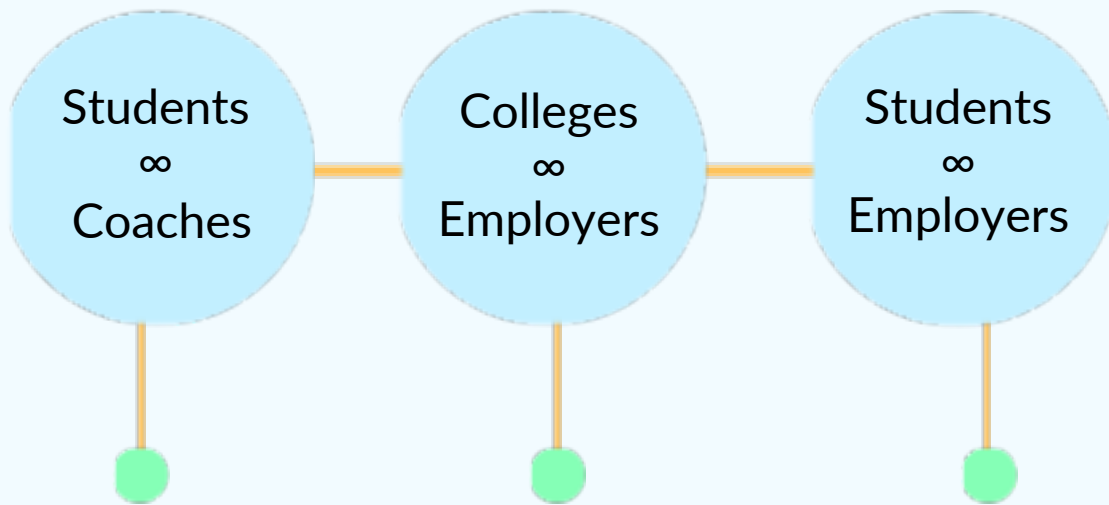
2000+ Certified Learners



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# 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.



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 EXPLANATION



## 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

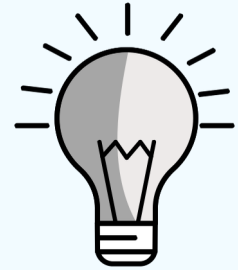
## WHO SHOULD TAKE THE COURSE?

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

# WHY ADHYAYAN?



**Adhyayan IT  
Training & Placement**



**Other  
Classes**

More than 95%	<b>Course Completion Rate</b>	Less than 20%
Dedicated Placement Cell	<b>Placement Services</b>	No
Yes	<b>Live Classes with Experts</b>	No
Yes	<b>Dedicated Student Mentor</b>	No
Yes	<b>1:1 Doubt Clearing Sessions</b>	No
Yes	<b>1:1 Placement Preparation</b>	No
Yes	<b>Live Projects</b>	No
Yes	<b>Continuous Mocks, Viva and Feedback Sessions</b>	No
Yes	<b>Personalised Course Structure</b>	No
Yes	<b>Industry Guest Lectures</b>	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

## CURRICULUM

- **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 Tableau**
  - **Calculated fields**
  - **Data Blending 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

## CURRICULUM

- **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



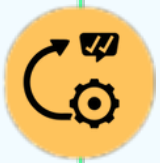
**Role Clarity**



**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?



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.



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



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# POTENTIAL RECRUITERS



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