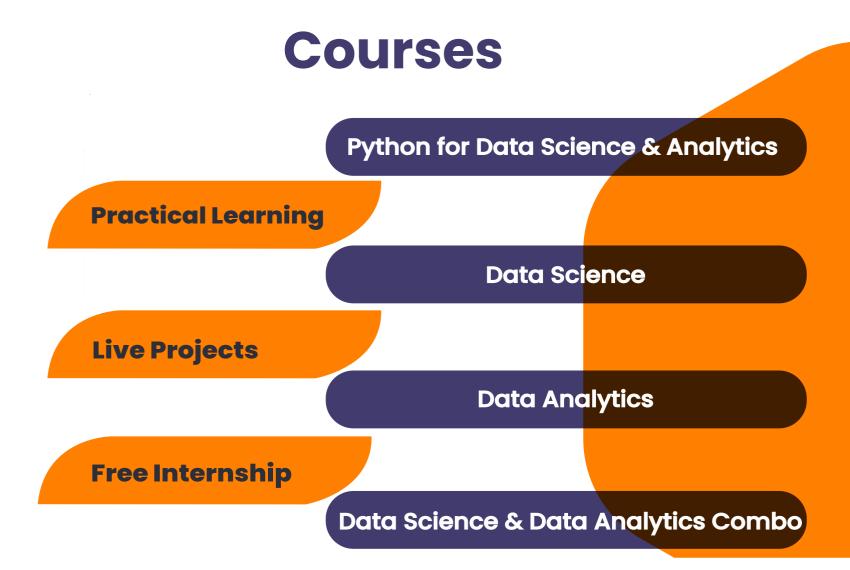# SADHVI ACADEMY

www.sadhviacademy.com

About Us

We are the Best Data Science & Analytics training Institute in Coimbatore.We offer job-oriented certification courses in Data Science, Data Analytics, Data Visualization, and Python, ensuring you have the skills to excel in these rapidly growing industries. Whether you're a beginner or an experienced professional from any background, our courses are tailored to suit your needs and help you achieve your career goals. Embark on an exhilarating journey of learning and growth with us today, and become an expert in the captivating world of Data Science and Analytics!

Courses

Python for Data Science & Analytics

Practical Learning

Data Science

Live Projects

Data Analytics

Free Internship

Data Science & Data Analytics Combo

DATA SCIENCE IS THE FUTURE

- Fastest growing industry
- Highest salaries
- Increasing demand
- Penetrates every domain
- Impact business directly
- Suitable even for non tech people

This Course is Skillfully Curated for

- College students seeking to master Data Science and Analytics from scratch
- Freshers aiming to enter the dynamic field of Data Science and Analytics
- Experienced professionals looking to make a successful transition to Data Science
- Core branch students (Mechanical, Electrical, Civil, Electronics, etc.) with a passion for Data Science and Analytics

No prior coding experience required to learn

WHY SADHVI ACADEMY

At Sadhvi Academy, we are committed to offering the most cost-effective and industry-oriented training in Coimbatore. Our focus is on providing comprehensive hands-on practical experience that will transform you into a job-ready expert in your desired field. Here are some key features of our training program that set us apart:

Assignment Oriented Learning

Along with teaching concepts you will get assignments for each topics

Industrial Projects

It will help you to enhance your skills and make your resume strong

Internship Opportunity

Applying learned skills, gaining real-world experience, and teaching with assignments enhance market competitiveness

Job Hunting Techniques

We will help you to find a desired job by equipping with effective strategies, tools
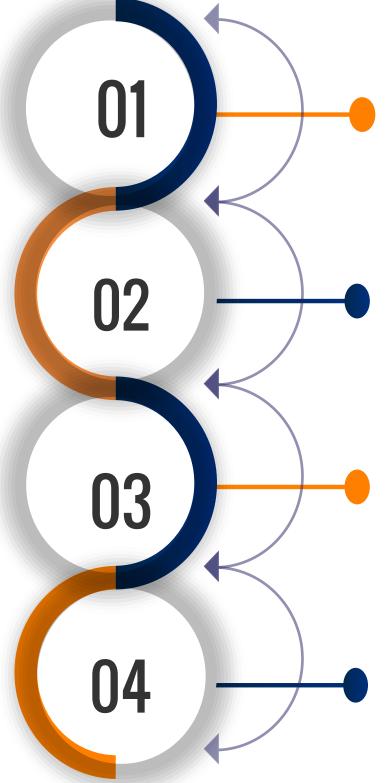
Free Future Updates

We will provide all the future course updates, bootcamps,assignments at the free of cost

Interview Preparation

Gain confidence and building your skills by help you to prepare interviews, feedback and resume building

GET READY TO WORK YOUR WAY TO TOP

01

COMPREHENSIVE LEARNING

You will be learning all the technical topics from basic to advanced level and solving assignments to get complete practical learning experience

02

PARALLEL SKILL DEVELOPMENT

Learn Linkedin growth hacks,pro resume building, and job search techniques alongside the course.Master techniques to find jobs through various online platforms

03

INTERNSHIP OPPORTUNITY

Gain real world exposure completing core topics and project.Secure an industrial internship with us to enhance your skills further

04

JOB READINESS & CAREER LAUNCH

Participate in unlimited mock interviews, prepare for your dream job, and kickstart your career in Data Science and Analytics

Course Syllabus

PYTHON FOUNDATION

- Introduction to Python for Data Analysis
- Type Casting and Strings
- Operators
- Conditional statements and loops
- Data types and operations
- Functions and its types
- File Handling
- Exception Handling
- OOPS in Python
- Decorators and Generators

PYTHON FOR DS & DA

- Introduction to Python for DS & DA
- Numpy
- Pandas
- Matplotlib
- Sea Born
- Scikit Learn
- Explaratory Data Analysis

SQL

- The basics of relational Databases
- Basic SQL queries to retrive,filter and sort data
- Aggregate functions to summarize data
- Join tables to combine data from manipulate tables
- Subqueries to filter and manipulate data
- Manipulate data using INSERT,UPDATE and DELETE statements
- Create and use views
- Common Table expressions (CTEs) and recursive queries
- Window functions to rank and group data
- Use PIVOT and UNPIVOT Operations
- OPtimize queries using indexing

MS-EXCEL

- Introduction to Excel
- Entering and editing data
- Various pastespecial options
- Cell referencing
- Sorting and filtering data
- Autolist and custom list
- Functions and formulas
- Basic functions
- Number & Text functions
- Logical functions
- Lookup functions
- Conditional Functions
- Advanced functions
- Creating and formatting charts
- Conditional formatting

STATISTICS

- Statistics in Data Analysis
- Central tendency & variabiles
- Data types & measurement levels
- Sampling Techniques & data collection methods
- Probability & its applications
- Addition & multiplication rules
- Conditional probability and Bayes' theorem
- Probability distributions
- Statistical inference
- Point estimation & interval estimation
- Confidence intervals for means and Proportions
- Sample size determination for estimation
- Null & alternative hypotheses
- Type I and Type II errors
- Pearson correlation coefficient
- Simple linear regression and least squares method
- Assessing the strength and significance of relationships
- ANOVA and its applications
- Experimental design basics
- Randomized controlled trials and observational studies
- Factors, levels, and experimental designs

POWERBI

- Introduction to Power BI
- Basic charts in Power BI
- Maps in Power BI
- Tabular data in Power BI
- Cards in Power BI
- Filters in Power BI
- Slicers in Power BI
- Chart in Power BI
- Inserting object
- Bookmark action
- Creating a report
- Publishing report
- Dashboard
- Refreshing data
- Text functions, date functions, and number functions in Power Query
- Appending and Merging Sheet
- Conditional columns & data modelling
- Connecting to MySQL, importing data from multiple sources
- DAX functions
- Exploratory Data Analysis

TABLEAU

- TABLEAU
- Tableau and its features
- Tableau interface
- Connecting to data sources
- Creating basic visualizations
- Data preparation & cleaning
- Joining and blending data
- Data extraction & connections
- Dimensions and measures
- Creating charts
- Customizing visuals
- Filters and sorting data
- Maps and geographic data
- Tableau calculations
- Fields and measures
- Filters to visualizations
- Calculated fields with filters
- Dynamic analysis
- Designing dashboards
- Building actions and filters
- storylines and story points

- Data blending
- Data table relationships
- Data modeling & hierarchies
- Analytics
- Trend lines & reference lines
- Statistical functions
- Tableau calculated fields
- Tableau LOD expressions
- Tableau's expressions levels
- Advanced calculated fields
- Aggregating data
- Tableau server collaboration
- Publishing workbooks
- Sharing on dashboards
- Collaborating on dashboards
- Tableau geographic mapping
- Tableau data preparation
- Tableau data cleaning
- Data preparation techniques

MACHINE LEARNING

- Basics of machine learning
- Types of machine learning
- Machine learning applications
- Data Preprocessing
- Exploratory data analysis
- Linear regression
- Polynomial regression
- Logistic regression
- K-nearest neighbours
- Decision trees
- K-means clustering
- Hierarchical clustering
- Principal component analysis
- Model evaluation and selection
- Cross-validation techniques
- Bias-variance tradeoff
- Hyperparameter tuning
- Model selection based on evaluation metrics
- Ensemble learning
- Introduction to ensemble learning techniques
- Feature engineering and selection

- Evaluation Metrics for Imbalanced datasets
- Handling imbalanced datasets
- Precision, recall, and F1-score for imbalanced data
- ROC curves and AUC-ROC
- Techniques for dealing with class imbalance
- Model deployment and interpretability
- Interpreting machine learning models
- Techniques for model interpretability
- Discussion on ethical considerations
- Basics of natural language processing
- Time series analysis
- Introduction to time series data
- Recommender systems

DEEP LEARNING

- Introduction to deep learning
- Basics of deep learning
- Neural networks & components
- Deep-learning frameworks
- Setting up the environment for deep learning
- Artificial Neural Networks
- Multilayer Perceptrons (MLPs)
- Convolutional Neural Networks (CNNs)
- Recurrent Neural Networks (RNNs)
- Generative Adversarial Networks (GANs)
- Autoencoders
- Transfer Learning and Fine-Tuning
- Object Detection and Image Segmentation
- Natural Language Processing (NLP) with deep learning
- Sequence-to-Sequence Models
- Reinforcement learning
- Model Optimization and Regularization techniques
- Model deployment and serving
- Exporting trained models
- Building RESTful APIs for model serving
- Advanced architectures
- Reinforcement learning with policy gradients
- Generative models

Learn PYTHON for DS & DA in 1 month

TOPICS COVERED	WEEKS
Python Basic to Intermediate	2
Python for Data Science & Analytics	2

₹9,999
₹6,499

Learn DS + DA Combo in 5 months

TOPICS COVERED	WEEKS
Python Basic to Intermediate	2
Python for Data Science & Analytics	2
SQL	1
Excel	1
Statistics for Data science & Analytics	1
PowerBI	2
Tableau	2
Machine Learning	2
Deep Learning	1
Capstone Project	1
Internship	2

₹41,999
₹31,999

Learn DATA ANALYTICS in 4 months

TOPICS COVERED	WEEKS
Python Basic to Intermedite	2
Python for Data Science & Analytics	2
SQL	1
Excel	1
Statistics for Data science & Analytics	1
PowerBI	2
Tableau	2
Capstone Project	1
Internship	2

~~₹28,999~~
₹21,999

Learn DATA SCIENCE in 4 months

TOPICS COVERED	WEEKS
Python Basic to Intermedite	2
Python for Data Science & Analytics	2
SQL	1
Excel	1
Statistics for Data science & Analytics	1
Machine Learning	2
Deep Learning	2
Capstone Project	1
Internship	2

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₹23,999

JOB PREPARATION TRAINING

01 LinkedIn Growth Course

02 Resume Building

03 Job Hunt Hacks

04 Interview Readiness Hack

06 Communication Tips and Tricks

05 Mock Test

LinkedIn Growth Course

- In this LinkedIn course, we will cover the basics of getting started with LinkedIn, including how to complete your profile sections: bio, about, featured, experience, and activity.

- We will also discuss strategies for growing your followers on the platform and how to use LinkedIn to find job opportunities.

- You'll learn how to ask for referrals from your network, extract emails from HRs, and make a post with your resume to showcase your skills and experience to potential employers.

- By course completion, You'll gain a deep understanding of leveraging LinkedIn to cultivate a powerful professional network and propel your career forward.

Resume Building

- In this module, we'll guide you through the art of creating impactful resumes. You'll gain expertise in tailoring your resume for diverse job roles, mastering ATS compatibility, and highlighting your projects.
- Unlock the secrets of creating standout resumes that captivate employers and enhance your job prospects. By course completion, you'll possess a thorough grasp of the strategies needed to build an impressive and effective resume.

Online Job Searching Platforms

- In this section, we will teach you how to search for job opportunities in online platforms like Naukri, Angel and Hirect.
- You will learn the latest techniques to increase your chances of getting selected for interviews and stand out to potential employers.

Mock Test & Interview preparation

- You will have access to a comprehensive collection of interview questions to help you prepare for your next job interview in the field of Data science and Analytics.
- By the end of this course, you will be well-equipped to confidently answer interview questions and increase your chances of landing your dream job.

FAQ

What courses does Sadhvi Academy offer?

Sadhvi Academy offers a range of courses in Data Science and Analytics including Python, Machine Learning, Big Data Analytics and Data Visualization (Powerbi and Tableau) courses.

How Sadhvi Academy is different from any other Institute in Coimbatore?

We provide complete hands-on practical learning experiences to our learners which we are doing through our structured syllabus and most importantly assignment & project driven courses.

What is the mode of instruction?

We have chosen to offer offline classes for several reasons. First, we believe that offline classes provide a more interactive and engaging learning experience. Students will be able to ask questions, get help from the instructor and collaborate with other students in real time.

What is the fees structure for the courses?

Our aim is to make education accessible to everyone at an affordable Cost. The fee Structure for our courses may vary depending on the specific courses but we do offer flexible payment schedule.

What are the Eligibility criteria for the courses?

Our course has been designed keeping beginners in mind. You will be able to learn as we start from basics and anyone can learn this course who had no prior coding experience.

What kind of support can I expect from Sadhvi Academy after completing the courses?

Sadhvi Academy provides ongoing support to students even after they complete the courses. This includes job updates, internship opportunities and future updates.

DATA SCIENCE AND ANALYTICS TRAINING INSTITUTE IN COIMBATORE

SADHVI ACADEMY

Learn Data Science & Analytics to unlock the power of data!

START YOUR JOURNEY TODAY

ENROLL NOW

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