

BYTECODE

TRAININGS & PLACEMENTS



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www.bytecodetrainings.com



Technical
Skills



Soft
Skills



coding
Skills



interview
preparation



placement
assistance



Phone
+91 8309879187



Website
www.bytecodetrainings.com



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6th Floor, Manjeera Trinity Corporate building,
JNTU-Hitech city Road KPHB, Hyderabad

Complete Job Ready Program

Our Responsibility Till you get Placed.

Bytecode Trainings & Placements is a trusted institute offering high-quality training in Python with Data Analytics. Our program is designed to equip students and fresh graduates with the skills needed to succeed in the IT industry. Through practical training, real-time projects, and expert guidance, we ensure that every candidate is industry-ready. Along with technical skills, we also provide support for resume preparation, mock interviews, and placement assistance to help you confidently step into your career. Join Bytecode and take the first step toward a successful future in tech.

Program Highlights:



A Unique Career-Building Opportunity

An intensive training and placement program to kickstart your tech career.



Advance Your DSA and Design Skills

Learn through guided, real-world problem-solving



On-Campus Technical Training

Available in Hyderabad



Industry-Level Interview Qs

Practice genuine interview questions from industry leaders



Practical, Industry-Aligned Curriculum

Learn high-demand technical and professional skills



Live Projects & Mock Interviews

Recreate actual job interview environments



Real-Time Coding Practice

Crack practical programming challenges



Guaranteed Interview Opportunity

Unlimited chances to interview until you're placed



Internship Documentation

Receive formal internship documentation for career proof and credibility.



Job Placement Assistance

Dedicated placement support to launch your career.

PYTHON WITH DATA ANALYTICS: BUILD A FUTURE IN TECH



Careers on the Rise

40,000+ job openings



Salary Packages

Start at 6–20 LPA with potential to rise quickly



Skills Needed Globally

53% growth expected in Full stack development careers by 2031



WHY CHOOSE BYTECODE TRAININGS?



Master In-Demand Tech:

- Python for Data Analysis:

Master Python from basics to advanced, including libraries like NumPy and Pandas for data manipulation, and Matplotlib & Seaborn for powerful data visualization.

- DevOps Tool:

Git, Github, Maven, Tomcat, AWS Cloud



Resume & Portfolio:

Stand out to top recruiters



Recognised Certifications:

Boost your credibility worldwide



GitHub:

Platform to store and share code, track changes, collaborate with teams and improve coding skills.



Leetcode:

Coding platform for problem-solving enhances DSA skills, logic-building, interview preparation and coding confidence.

100% JOB READINESS PATH

01

Corporate Offline Training



02

Industry Mentorship



03

Hands-on Experience With Projects



04

Comprehensive Placement Preparation



05

Placement Drives

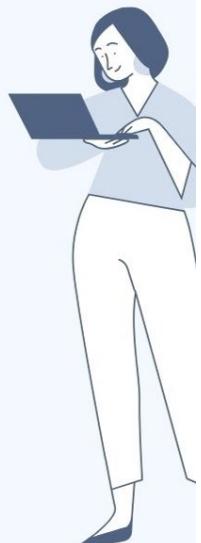
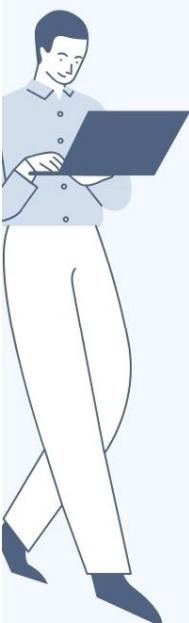


06

Students Get Placed



SKILLS COVERED



TOOLS COVERED



CORPORATE SKILLS COVERED



SOFT/INTERVIEW SKILLS COVERED



CURRICULUM

PYTHON WITH DATA ANALYTICS COURSE

EXCEL FOR DATA ANALYTICS

1. Basic Module:

- Introduction to Microsoft Excel
- Installing Excel: Windows/Mac
- Getting Familiar With Excel
- Introduction to Tables
- Rows & Columns
- Input data into cells
- Introduction to Formulas
- Formula Behavior
- Built-in Functions
- Count
- Sum
- Average
- Variance
- Standard Deviation
- Correlation
- IF
- Combining Data From Two Tables
- VLOOKUP
- Index Match

2. Advance Module:

- Pivot Tables
 - 1) Introduction to Pivot tables
 - 2) Pivot tables options & Formatting
 - 3) Reports using Pivot Tables
- Nested IF statements
- VBA to automate tasks
- Custom Functions

STATISTICS FOR DATA ANALYTICS

- Data
- Types of Data
 - 1) Structured Data
 - > Continuous
 - > Discrete Count
 - > Discrete Categorical
 - => Nominal
 - => Ordinal
 - > Time Series
- 2) Unstructured Data
 - > Images & Videos
 - > Text & Audio
- Collection of Data
 - > Surveys
 - > Design of Experiments
 - > Excel CSV, PDF, Textfile
 - > Database (MySQL, MongoDB)
 - > Big Data - Hadoop, Spark
 - > Cloud
- Population & Sample
- Sampling Techniques
 - > Simple Random Sampling
 - > Stratified Sampling
 - > Systemic Sampling
 - > Cluster Sampling
 - > Biased Sampling
- Measures of Central Tendency
 - > Mean, Median, Mode
- Measures of Spread
 - > Range
 - > Variance
 - > Standard Deviation
 - > Bessel Correction
- Measures of Shape
 - > Skewness
 - > Kurtosis
- Percentiles
- Quartiles
- Inter Quartile Range (IQR)
- Outliers
- Correlation
- Probability
- Probability Distributions
 - > Discrete Probability Distributions
 - > Continuous Probability Distributions
 - > Uniform Distributions
 - > Normal Distributions
 - > Standard Normal Distributions

- Calculation of Probability using
 - >68-95-99.7% Rule
 - >Z-Score & Z tables
- Standard Error
- Central Limit Theorem
- Confidence Intervals

PYTHON (BASIC MODULES)

- Introduction to Python
- Installation of Python
- Variables
- Input
- Output
- Datatypes
 - >int
 - >Float
 - >Complex
 - >Boolean
 - >String
- Data Structures
 - >List
 - >Tuple
 - >Set
 - >Dictionary
- Operators
 - >Arithmetic Operator
 - >Assignment Operator
 - >Comparison Operator
 - >Logical Operator
 - >Membership Operator
 - >Identity Operator
 - >Operators Precedence
- Condition Statements
 - >if
 - >if-else
 - >elif-else
 - >Nested if
- Loops
 - >For Loops
 - >Nested for loops
 - >While Loop
 - >Nested While loops
 - >Loops Termination
 - >Break
 - >Continue
- Functions
 - >Syntax for Writing function
 - >Calling or Invoking function
 - >Inbuilt functions
 - >User defined functions
 - >No Arguments
 - >default arguments
 - >positional arguments
 - >keyword arguments
 - >arbitrary arguments

ADVANCED PYTHON

- Advance Functions
 - >Lambda
 - >Map
 - >Filter
 - >Reduce
- Recursive Function
- Nesting of Functions
- File handling
 - >Opening
 - >Reading
 - >Writing
 - >Appending
 - >Line count
- Errors
 - >Compile-time
 - >Run-Time
 - >Logical
- Exception Handling
 - >try
 - >except
 - >finally

SQL FOR DATA ANALYTICS

- Introduction to Databases
- DBMS vs RDBMS
- SQL vs NoSQL
- Installation of MySQL
- Data Types in SQL
- Keys
 - >Primary Key
 - >Foreign Key
- Constraints
 - >Unique
 - >NOT NULL
 - >Check
 - >Default
 - >Auto Increment
- CRUD Operations
 - >Create
 - >Retrieve
 - >Update
 - >Delete
- SQL Languages
 - >DDL
 - >DQL
 - >DML
 - >DCL
 - >TCL
- SQL Commands
 - >Create
 - >Insert
 - >Alter
 - >Update
 - >Delete
 - >Truncate
 - >Drop
 - >Grant

- >Revoke
- >Commit
- >Rollback
- SELECT
- SQL Clause
 - >Where
 - >Distinct
 - >Order by
 - >Group By
 - >Having
 - >Limit
- Operators
 - >Comparison
 - >Logical
 - >Membership
- Wildcards
- Aggregation functions

Advance Modules

- SQL Joins
 - >Inner Joins & Outer Joins
 - >Left Joins & Right Joins
 - >Self & Cross Joins
 - >Natural Join
- Normalization
 - >Normal Forms (1NF, 2NF & 3NF)
 - >ER Diagrams
 - >De-Normalization
- SQL Functions
 - >String Functions
 - >Numeric Functions
 - >Window Functions
 - >User Defined functions
- Subqueries
- Common Table Expressions (CTE)
- Views
- Stored Procedures

DATA CLEANING

- Dealing wrong Data
- Dealing wrong data types
- Treating the duplicates
- Dealing Missing Values
- Handling Outliers
- Drop unnecessary columns

NUMPY

- Introduction to NumPy
- Numpy Attributes
- Array creation
- Indexing & Slicing
- Iteration over an array
- Array Manipulation
- Mathematical Operators
- Relational Operators
- Functions

PANDAS

- Introduction to Pandas
- Series & DataFrame
- Create DataFrame
- Column/Row Selection, Addition & Deletion
- Merging & Concatenation
- Import of Data from various sources
- Basic insights of datasets
- Summarizing Data
- Sorting, Discretization, Indexing and Selecting Data
- Filtering Data
- Group By
- Exporting Data
- Statistical Functions

EXPLORATORY DATA ANALYSIS

- Univariate Analysis
- Bivariate Analysis
- Multivariate Analysis

MATPLOTLIB:

- Histogram
- Boxplot
- Scatter Plot
- Line Plot
- Pie Chart
- Bar Chart
- Subplots

SEABORN:

- Bar Plot
- Count Plot
- Box Plot
- Line Plot
- Scatter Plot
- Regression Plot
- Pair Plot
- Heatmap
- Violin Plot

TABLEAU FOR DATA ANALYTICS

Basic Modules

- Introduction to Tableau
 - >Tableau Architecture
 - >Tableau Products
 - >Installation Tableau Desktop
 - >Features of Tableau Desktop
 - >User Interface
 - >Connect to data
 - >Types of Connections
 - >Joins and Unions

- Visual Analytics
- Basic Charts
 - >Bar Chart
 - >Line Chart
 - >Pie Chart
- Sorting
- Filtering
- Grouping
- Sets
- Built-in Functions
- Operators and Syntax Conventions
- Table Calculations

Advance Modules

- Types of Calculations
- Trendlines
- Reference lines
- Forecasting
- Advance Plots
 - >Box and Whisker's
 - >Bullet Chart
 - >Bar in Bar Chart
 - >Gantt Chart
 - >Waterfall Chart
 - >Pareto Chart
 - >Control Chart
 - >Funnel Chart
 - >Bump Chart
 - >Word Chart
 - >Donut Chart
- Dashboard
 - >Introduction to Dashboard
 - >The Dashboard Interface
 - >Dashboards Objects
 - >Building a Dashboard
 - >Dashboard Layouts and Formating
 - >Interactive Dashboard with actions

POWER BI FOR DATA ANALYTICS

Basic Modules

- Introduction to Power BI
 - >Traditional BI vs Power BI
 - >Power BI vs Tableau vs QlikView
 - >Installation of Power BI Desktop
 - >Connecting & Working with Power BI Desktop
- Basic Components of Power BI
- Data model and importance of Data Modeling
- Connectivity Modes
 - >Various Data Sources Supported in Power BI Desktop
 - >Exploring Live Connections to Data Sources
 - >Connecting to MySQL
 - >Connecting to Excel

INFERENTIAL STATISTICS

- Hypothesis Testing
- Formulation of Null & Alternate Hypothesis
- Type-I error & Type-II error
- P value
- Left tail vs Right tail vs Two tail
- 1 Sample test
 - >1 Sample Z test
 - >1 Sample T test
- 2 Sample test
 - >2 sample independent t test
 - >2 sample paired t test)
- ANOVA Test
- Chi-square Test

PROJECTS

- Real time projects

BEHIND THE SCENES OF MY PLACEMENT JOURNEY

5-Hour Daily Learning Commitments:

2 Hours of Hands-On Technical Training

To enhance technical skills through core concepts, tools, and practical implementation.

1 Hour of Data Structures and Algorithms (DSA)

Focused on solving previous interview questions asked by top companies and improving problem-solving skills.

1 Hour of Assignments & Coding Challenges

Reinforce daily concepts through assignments and hands-on coding tasks.

1 Hour of Communication & Career Readiness

Covers CRT, resume building, LinkedIn optimization, GDs, JAM sessions, SDLC, and interview preparation.

LIVE PROJECTS AS PART OF YOUR TRAINING



RECIPE APP

Design and develop a recipe application with a modern user interface using Angular for the frontend and a robust backend using Java. This app enables users to explore a wide variety of recipes, view detailed cooking instructions, and bookmark their favorite dishes.



E-COMMERCE STORE

Develop a dynamic e-commerce store using Angular for the front-end and Java (Spring Boot) for the back-end. This application enables users to seamlessly browse products, add them to their shopping cart, and complete purchases through a secure checkout process.



BANKING APPLICATION

Build a secure and user-friendly Banking Application using ReactJS for the front-end and Java (Spring Boot) for the back-end. This system allows users to manage their accounts, perform transactions, and monitor their financial activities with ease.



WEATHER APP

Create an interactive Weather App using ReactJS for the front-end and Java (Spring Boot) for the back-end. The application allows users to input a location and retrieve real-time weather information for that area.

TRAINER

Industry-Certified Trainers

Bytecode training's is led by professionals who've mastered real-world challenges.

Practical Industry Experience

They provide real-world insights to help students gain practical, job-ready skills.

Instructor-Guided Skill Building

Trainers provide in-depth guidance, helping students bridge the gap between theory and industry practices.

Practical Project-Based Learning

Leveraging their expertise, students learn to handle complete projects, making them industry-ready.



TESTIMONIALS



I recently completed a Java course at Bytecode, and I must say it exceeded my expectations. I highly recommend Bytecode to anyone looking to learn Java programming. Whether you're a beginner or have some experience already, Bytecode offers top-notch training that will help you become proficient in Java development.

Vamsi Thammisetty



PJ

Bytecode Trainings is a very Good Institute that provides the skills that Fresher really needs. It concentrates on not only Technical trainings but also gives communication as well as Interview Preparation skills. Placement assistance is very much suggested....GO FOR IT. 

Praneeth Reddy



YB

In 2023,I completed my graduation. applying for employment for the previous 10 months.

5 months ago, I enrolled in ByteCode Trainings, and I was hired as an associate engineer at Accenture.

I appreciate your help and support.

Yashmith Bolla



HK

The trainers are very experienced in teaching and well treating the students. This institute follows one strategy that made all students to get more enough knowledge to crack any job of what they desired.That made this institute was in high standards to provide high quality of training with placement assistance

Hemaltha K





PYTHON WITH DATA ANALYTICS ROAD MAP

Every Week
Test and Mock Interview

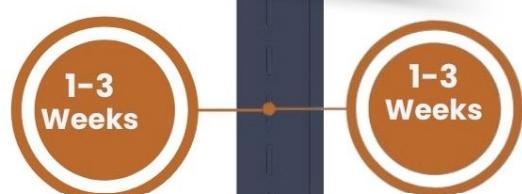


Technical Skills

- Excel for Data Analytics
- Descriptive Statistics
- Python Introduction
 - >Datatypes
 - >Loops
 - >Functions



- NumPy for Numerical Data
- Pandas for DataFrames
- Data Cleaning & Preprocessing
- SQL Database & Queries



Interview Skills

- Profile Assessment
- Self Intro
- Mandatory Skills
- Profile Customization (LinkedIn, Github, Naukri)



- ATS Friendly Resume (Customization)
- Group Discussion
- JAM
- Case Study

- Exploratory Data Analysis (EDA)
- Matplotlib
- Seaborn for Plotting
- Introduction to Tableau
- Advanced Tableau Dashboards
- Power BI for Reporting



- Letter Writing
- Email Writing
- Real Time Projects with Vocabulary
- Presentation Skills

- Inferential Statistics (Hypothesis Testing, ANOVA)
- AWS&DevOps
- Project & Deployment
- Project Documentation
- Project Explanitation
- Review



- HR References
- Profile Networking
- Personal Branding
- Interview and Placement Support



RECENT PLACEMENTS (MAR - JUNE) 2025



OUR HIRING PARTNERS

Tech Mahindra

Capgemini

tcs TATA CONSULTANCY SERVICES

Google

accenture

HCLTech

cognizant

IBM

Gemini

genpact

facebook

Microsoft

SIEMENS

servicenow

CYIENT

ORACLE

Apple

Qualcomm

Infosys

aws

Dr.Reddy's

DXC TECHNOLOGY

salesforce

wipro



FEE STRUCTURE = 30000

EMI & INSTALLMENTS AVAILABLE



CLASSROOMS



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