

Google

Reviews ★★★★★

PREMIUM

Data Analytics With Python & AI/ML

Get Trained Get Placed
Global Certification



www.itpreneurpune.com



About iTpreneur

iTpreneur is a renowned brand name in IT Training and Placement. We mainly work on the Train, Deploy & Hire module. iTpreneur is the all-time choice of IT corporates across India for acquiring IT talents from us.

We are constantly exploring new fields of knowledge and rapidly improving methodologies to serve better. We offer comprehensive courses to equip with latest trends & technology in IT Industry.



Vision iTpreneur

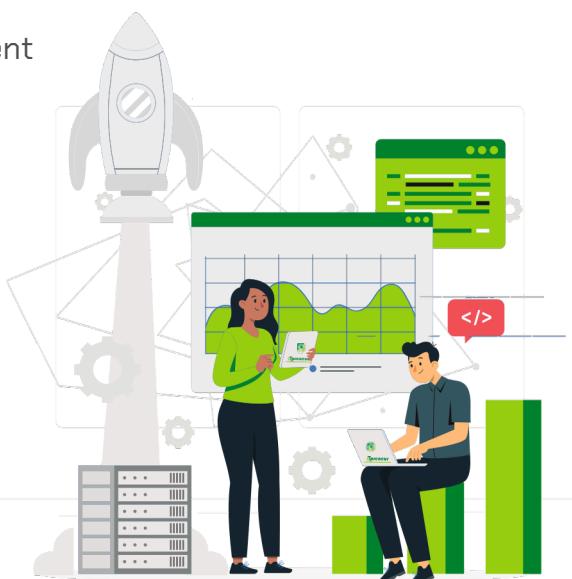
One day, All the student in this nation will have the opportunity to get their Dream Job. To drive a new era of development, growth, and productivity. To reach whole new level by providing the best IT services in India.

Mission iTpreneur

iTpreneur is a leading provider of IT Training & Placement services in Pan INDIA, We have proudly helped over 30,000+ people launch their career's in the right direction to be Industry-specific expertise.

We are committed to helping IT students to reach their goals, personalizing their experiences, get their dream job providing an innovative environment.

We believe that organization is always about people and they are the most valuable asset of any organization and we are dedicated to building the best resources.



Why iTPreneur ?



100% Job Guarantee



Focused Job Oriented Training With Emphasis On Soft Skill, Interview And Personality Development Training



A Practical Approach To Work On Live Projects With IT Industry Standards And On Site Internship



Tie-up With 300+ Companies [MNC's | MLC's | Fintech Etc.]



Education loan With No Cost EMI Option



Day 1 offer letter for your guarantee



Lecture Content Prepared By Industry 10+ Experts And Simplified Delivery For Better Understanding.



Daily 6-8 Hours Rigorous Training Program



Well-designed IT internship program provides hands-on experience and Prepares interns for successful career



Global Access all your resources—lectures, notes, tests, and more—through our user-friendly LMS, designed to support you beyond the classroom.

About The Course

Objective: Train graduates to be industry-ready by covering technical foundations, real-world projects, aptitude, and soft skills for placements.



Duration

4 Weeks (1 Month)

Mode:

Instructor-Led + Hands-on Projects + Industry Exposure

Outcome:

Job-ready candidates skilled in Full-Stack Development, Problem-Solving, and Professional Communication

Who Can Apply For Course

- ◆ Students, Bachelors & Graduates
- ◆ Job Aspirants / Fresher
- ◆ Any Professional Person

Our Features



Industry-Endorsed Curriculum

Industry-designed curriculum aligned with real-world trends to make you job-ready from day one.



Online Training Portal

Empower Your Learning Journey: Unleash Knowledge Anytime, Anywhere with Our Interactive Training Learning Portal.



1 To 1 Personalized Clarity

Navigate your journey with confidence, receiving personalized clarity through 1-to-1 guidance for practical and project doubts.



Practical:Project Approach

Maximize Results with Minimal Effort with Practical, Project and theory approach- Where Efficiency Meets Effectiveness.



Job Oriented Teaching

During journey of student we deliver Soft Skills, Personality development, resume building aptitude preparation and industrial approach



Hybrid Learning

Seamlessly Blend Virtual and In-Person Learning with Our Innovative Hybrid Approach- from our Technical Brahma's during your learning journey.



100% Job Guarantee

Unlock a future of certainty with our 100% job guarantee – where your success is our placement team commitment.



Career Coach

Navigate Your Career with Confidence, Personalized Guidance and Expert Insights with personalized iTprenuer Career Coach.

Fuel Your Journey, Launch Your Future

COURSE SYLLABUS

Python Web Development

Python Programming

Introduction to Python | Python Installation & Setup | Understanding Syntax & Indentation | Variables & Data Types | Operators & Expressions | Conditional Statements – if, elif, else | Looping Constructs – for, while, nested loops

Data Structures in Python

Lists – Creation, Indexing, Slicing | Tuples – Immutable Sequences | Sets – Unique Elements & Operations | Dictionaries – Key-Value Pairs | Advanced List & Dictionary Comprehensions

Functions & Object-Oriented Programming (OOP)

Defining Functions – Parameters, Arguments | Types – Default, Keyword, Lambda | Scope – Local & Global | Classes & Objects | Constructor Method [init] | Inheritance – Single, Multiple | Polymorphism, Encapsulation | Practical OOP Implementation

File Handling & Exception Management

Reading & Writing Files – Text, CSV, JSON | File Operations – Open, Read, Write, Close | Exception Handling – try, except, finally | Creating Custom Exceptions

Modules, Packages & Environments

Importing Built-in Modules – math, datetime, os | Creating and Using Custom Modules | Organizing Code into Packages | Introduction to Virtual Environments (venv)

Mini Project

Console-Based Python Application – Contact Book or Student Management System | Applying Core Concepts | Code Structuring and Output Formatting

COURSE SYLLABUS

Django Basics – Introduction to Web Development | HTTP Requests & Responses | Setting up Django Project & App Structure

Models & ORM – Defining Models | Migrations | CRUD Operations with Django ORM | QuerySets

Views & URLs – Function-based Views | URL Mapping | Dynamic Routing | Passing Data to Templates

Templates & Static Files – Template Tags & Filters | Template Inheritance | Serving Static & Media Files

Forms & User Input – Django Forms | Validation | ModelForms | File Upload Handling

Authentication & Admin – User Registration & Login | Session Management | Django Admin Customization

Django REST Framework (DRF) – Serializers | API Views | CRUD APIs | Testing APIs with Postman

Deployment & Git – Version Control with GitHub | Intro to CI/CD | Deploying Django App to Cloud

Capstone Project – Build a Complete Web App (Blog / Task Manager / E-commerce Lite) with Frontend + Backend + REST APIs

COURSE SYLLABUS

Data Analytics

Excel for Analysts

Excel Basics | Data Types | Tables & Ranges | Conditional Formatting | Sorting & Filtering | Charts & Graphs | Pivot Tables | Lookup Functions (VLOOKUP, HLOOKUP, XLOOKUP) | Data Cleaning | What-If Analysis | Macros & Shortcuts

SQL for Data Analytics

Relational Database Concepts | MySQL/PostgreSQL Basics | SELECT, INSERT, UPDATE, DELETE | Filtering & Sorting | Joins – Inner, Left, Right, Full | GROUP BY, HAVING, Aggregate Functions | Subqueries | Views & Indexing | Data Normalization

Python for Analytics

Python Basics | Jupyter Notebooks | Data Types, Variables, Operators | Conditional Statements | Loops | Functions | File Handling | Working with JSON & CSV | Python Packages Overview

Python Libraries for Data Analysis

NumPy – Arrays, Slicing, Indexing | Pandas – DataFrames, Series, Filtering, Merging | Data Cleaning & Transformation | Handling Nulls, Outliers, Duplicates | Date-Time Operations

Data Visualization (Python + Excel)

Matplotlib – Line, Bar, Pie Charts | Seaborn – Heatmaps, Pairplots, Distributions | Excel Charts vs Python Charts | Plotly (Intro) | Dashboard Design in Excel

Statistics for Data Analytics

Descriptive Statistics | Mean, Median, Mode, Variance, Standard Deviation | Probability Basics | Distributions (Normal, Binomial) | Correlation & Covariance | Outlier Detection | Hypothesis Testing – z-test, t-test

Power BI (Dashboarding & Reporting)

Power BI Basics | Data Loading & Transformation | Power Query Editor | Creating Visualizations | Filters & Slicers | Drill Down | DAX Functions – CALCULATE, SUMX, IF, SWITCH | Creating Interactive Dashboards | Sharing & Publishing Reports

Tableau – Data Storytelling & Dashboarding

Tableau Basics | Connecting to Data Sources | Dimensions vs Measures | Creating Visualizations – Bar, Line, Tree Map, Maps | Filters, Parameters, Groups | Calculated Fields | Creating Dashboards & Stories | Publishing to Tableau Public

COURSE SYLLABUS

AI & ML

AI & Machine Learning

Introduction to AI & ML | AI vs ML vs DL | Real-World Use Cases | Types of Machine Learning – Supervised, Unsupervised, Reinforcement | Tools Overview – Python | Data Visualization – Matplotlib & Seaborn | Bar, Line, Histogram, Boxplot | Correlation & Heatmaps | ML Basics – ML Workflow | Dataset Splitting – Train/Test | Model Building Steps | Scikit-Learn Intro | Supervised Learning – Linear Regression (Theory + Code) | Logistic Regression (Binary Classification) | KNN Classifier | Evaluation Metrics – Accuracy, Precision, Recall | Unsupervised Learning – K-Means Clustering | Use Cases – Segmentation, Anomaly Detection | Dimensionality Reduction (PCA Intro) | Mini Project – Customer or Student Segmentation | Capstone Project – Real-world Dataset | Data Cleaning + EDA + Model Building + Evaluation + Report | Mock Interview Preparation | Resume Building Tips | Final Assessment + Full Revision + Q&A Wrap-Up

COURSE SYLLABUS

SoftSkills & English Communication



Introduction to Soft Skills & Etiquette | Verbal & Non-verbal Communication | Active Listening | Effective Speaking | Body Language & Confidence Building | Group Discussion Practice | Grammar Refresher – Tenses, Articles, Prepositions | Vocabulary Building | Daily Use Expressions | Reading Comprehension | Sentence Framing | Conversational Role Plays | Public Speaking Skills | Overcoming Stage Fear | Presentation Structure & Flow | Visual Aids & Delivery Etiquette | Email Writing – Tone, Structure, Format | Business Writing – Letters, Reports | Resume & Elevator Pitch | HR Interview Questions & STAR Technique | Workplace Behavior | Team Collaboration & Conflict Resolution | Time Management & Goal Setting | Final Assessment + Interview Simulation + Q&A

Aptitude



Number Systems | Simplification | Ratio & Proportion | Percentages | Averages | Time & Work | Profit & Loss | Simple & Compound Interest | Time, Speed & Distance | Boats & Streams | Pipes & Cisterns | Mixtures & Alligations | Age Problems | Practice Worksheets | Series Completion – Numbers, Alphabets | Coding-Decoding | Blood Relations | Directions | Seating Arrangement | Puzzles | Syllogism | Ranking & Order | Venn Diagrams | Arithmetic Word Problems | RACES | Geometric Mensuration | Permutation and Combination | Probability | Image Completion | Direction Sense | Analogy | Clock and Calendar | Trains | Full-Length Aptitude Mock Test | Final Assessment + Strategy Tips + Q&A Wrap-Up

PROJECTS

RetailPro: Smart Inventory Manager

Optimize inventory levels and reduce waste across retail chains by analyzing sales trends, restock cycles, and seasonal demand.



Technology: Data Analytics

FinScope: Business Expense Tracker

Track, visualize, and optimize company-wide expenses and revenues for better budgeting and forecasting.



Technology: Business Analytics

MetroCommute: City Transport Analysis

Evaluate public transport performance using ticket data and route occupancy trends to recommend route optimization.



ShopTrend: Online Store Insights Dashboard

Build an interactive dashboard that showcases online product trends, customer preferences, and category performance.



Technology: .NET

QuizBash: Interactive Coding Quiz Platform

A real-time coding quiz platform with scoring and feedback, designed to test job-ready skills.



Technology: Java

WeatherSnap: Forecast Dashboard System

Build a system that fetches and displays real-time and historical weather data with filtering options.



Technology: Java

DineSmart: Restaurant Order Manager

Create a complete restaurant order management and billing solution with admin and kitchen modules.



Technology: .NET

Start Your Dream Job Journey



Mock Interview

Prepare thoroughly with mock interviews featuring typical technical and HR questions. Gain confidence and readiness for your real interview situations.

Profile : LinkedIn

Gain a competitive edge with our unique focus on Git and LinkedIn training, tailored to help you succeed in your career aspirations.

Job Oriented Projects

Completing such projects showcase your technical skills, demonstrate your ability to solve real-world problems



Web Portfolio

Empower students with the ability to develop engaging web portfolios that effectively showcase their skills, projects

Resume Building

Our expert guidance ensures your resume highlights key achievements, making you stand out to employers.



Expert Sessions

Industry Expert knowledge with 85% practical on project and 15% with mocks assignments & case studies.

Enrollment

Need to follow terms & condition of iTpreneur. Maintain attendance, project work & assignment.



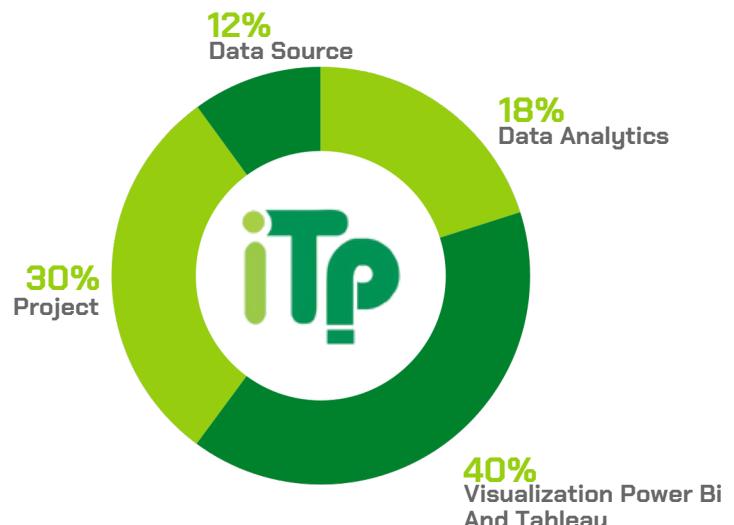
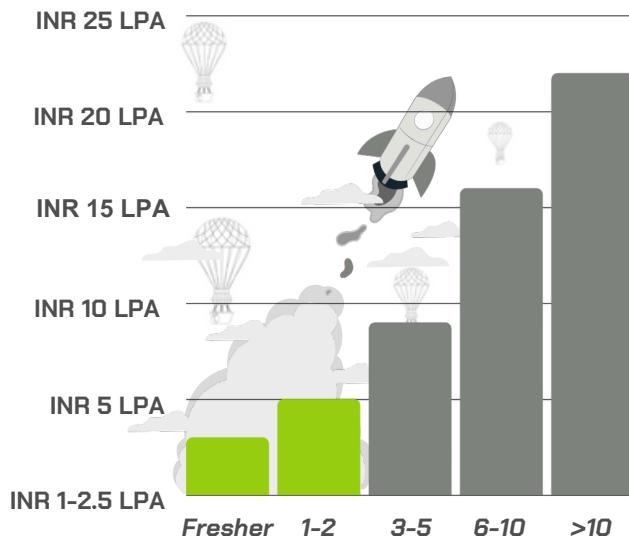
iTpreneur

Start Your Journey With Us Today

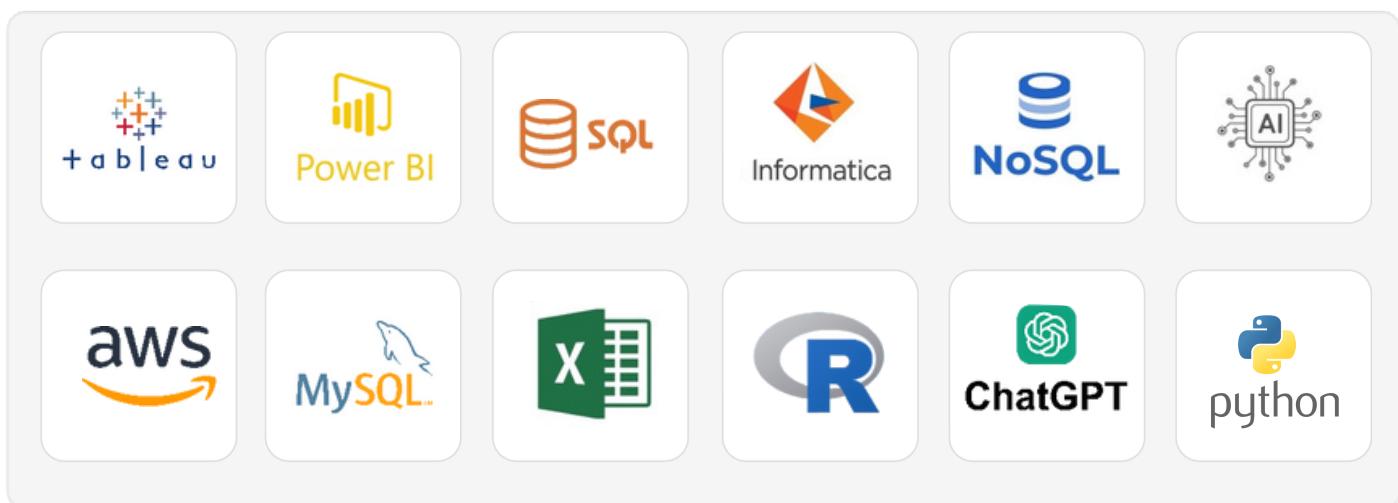
START



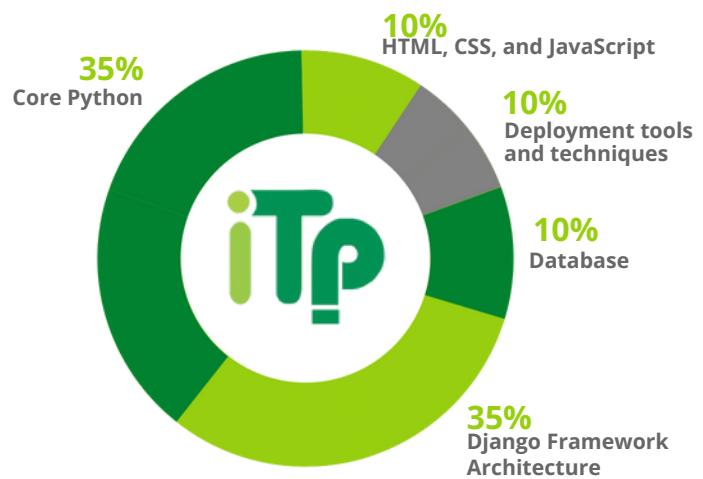
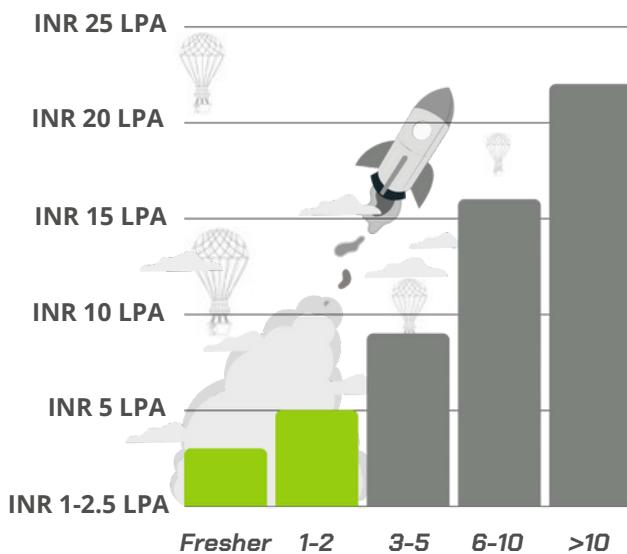
Data Analyst Salary And Skills



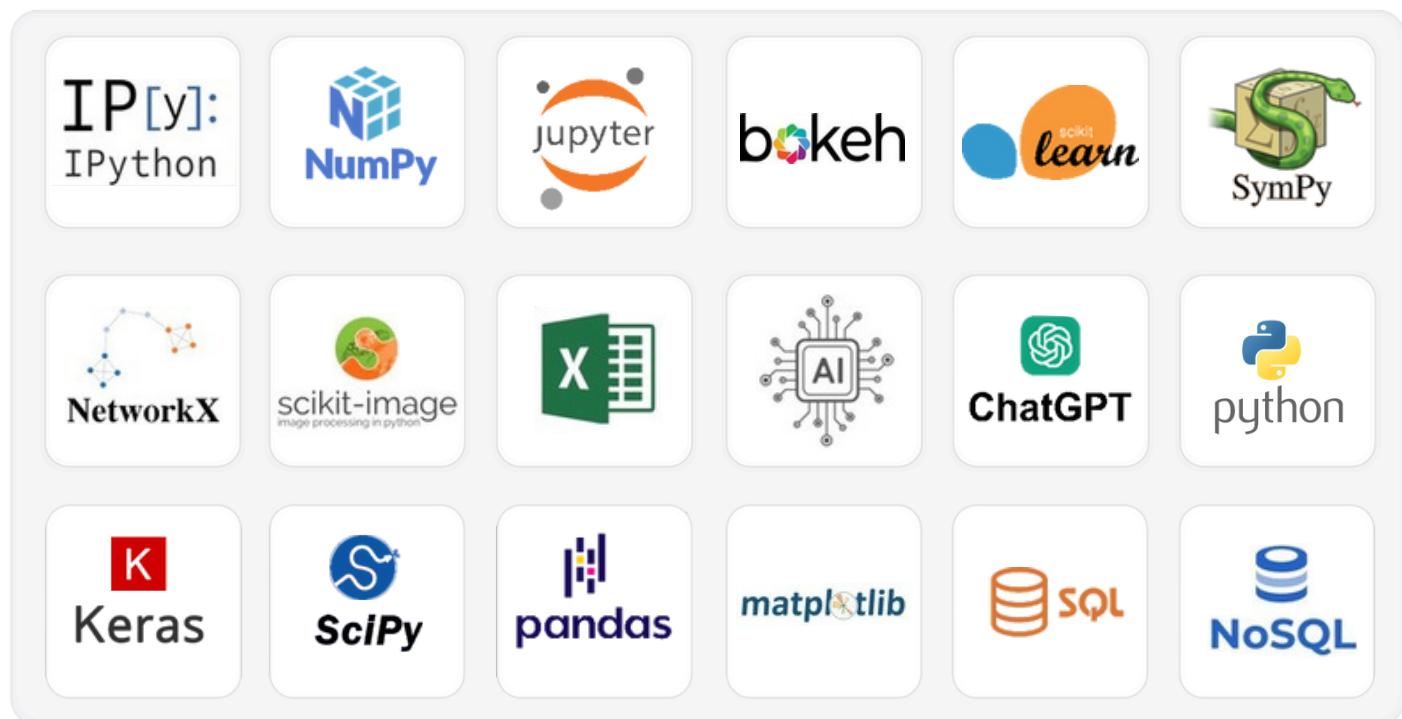
Technologies To Be Used In Data Analyst



Python Salary And Skills



Technologies To Be Used In Python



Our Statistic At A Glance



Current Job Flow In Market



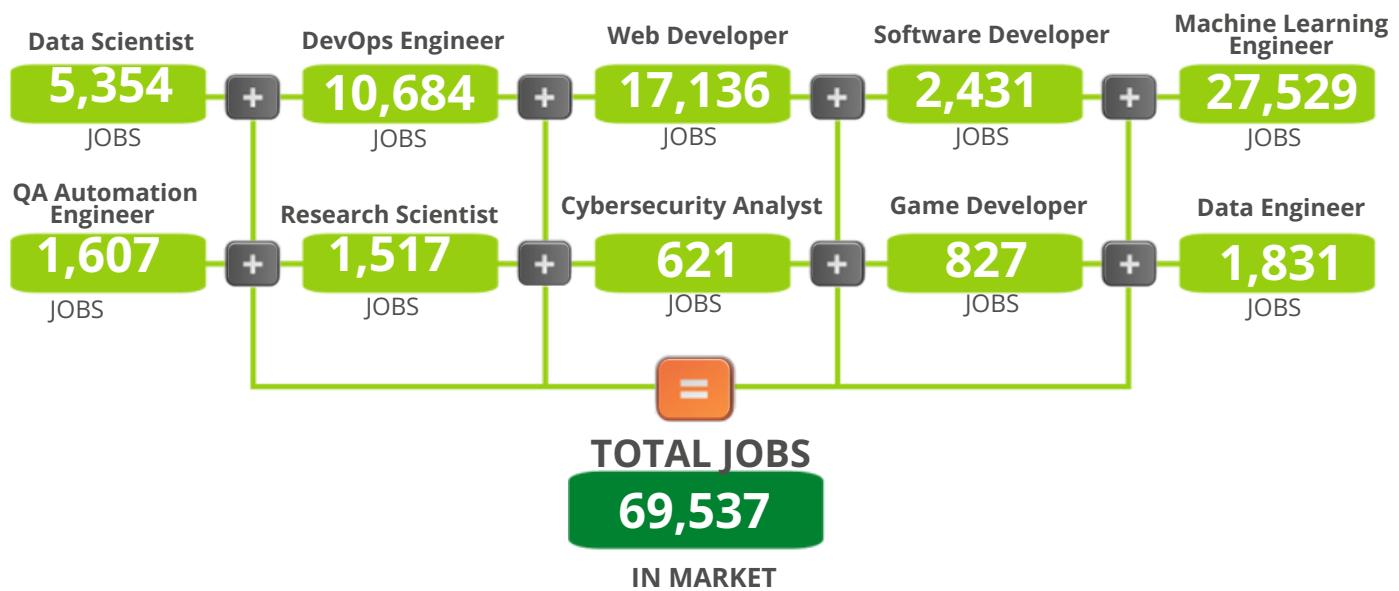
Data Analyst Job Roles

- | | |
|-------------------------------|--------------------------------|
| Data Analyst | Business Intelligence Analyst |
| Data Science Analyst | Junior Analyst |
| Technical Consultant | Financial Analyst |
| Data Engineer | Business Intelligence Engineer |
| Data Visualization Specialist | Business Analyst |

Our Statistic At A Glance



Current Job Flow In Market



Python Job Roles

- | | |
|-----------------------------|------------------------|
| Software Developer/Engineer | Data Scientist |
| Machine Learning Engineer | Web Developer |
| DevOps Engineer | Data Engineer |
| Research Scientist | QA Automation Engineer |
| Game Developer | Cyber Security Analyst |

Why Learn Data Analyst



1. High Demand:

Data analysis skills are in high demand across various industries. Businesses increasingly rely on data to make informed decisions, leading to a growing need for professionals who can analyze and interpret data effectively.



2. Future Growth:

Data analysts often command competitive salaries due to their specialized skills and the value they bring to organizations. As businesses continue to invest in data-driven strategies, the demand for skilled data analysts is expected to remain strong.



3. Intellectual Challenge:

Data analysis involves working with complex data sets and solving challenging problems. For individuals who enjoy problem-solving and working with numbers, data analysis can provide a stimulating and intellectually rewarding career.



4. Versatility:

Data analysis skills are applicable across a wide range of industries, including finance, healthcare, marketing, e-commerce, and more. This versatility allows data analysts to explore different career paths and industries throughout their careers.



5. Opportunities for Growth:

Data analysis is a rapidly evolving field with constant advancements in technology and methodologies. This provides opportunities for continuous learning and skill development, allowing individuals to stay updated and advance in their careers.



6. Impactful Insights:

By uncovering patterns, trends, and insights from data, data analysts can contribute to important business decisions and strategies. This ability to extract meaningful information from data can have a significant impact on the success of organizations.



7. Remote Work Opportunities:

Data analysis is well-suited for remote work, as much of the work can be done using digital tools and communication platforms. This provides flexibility and the ability to work from anywhere with an internet connection.



Why Learn Python



1. Job Opportunities:

According to various job portals and surveys, there has been consistent demand for Python developers, especially those with full-stack skills. The ability to work on both front-end and back-end development using Python can make you more versatile in the job market.



2. Python's Popularity:

According to the TIOBE Index and Stack Overflow Developer Survey, Python often ranks among the top programming languages in terms of usage and developer interest



3. Community Support:

The Python community is large and active. It is beneficial for learning, problem-solving, and staying updated with the latest developments.



4. Data Analysis and Machine Learning:

Python has become the language of choice for data analysis, machine learning, and artificial intelligence applications. Libraries like NumPy, pandas, and scikit-learn provide powerful tools for working with data.



5. Enterprise Adoption:

Many large enterprises and organizations use Python for developing their applications.



6. Scalability and Performance:

This is particularly important in industries where large-scale systems are required.

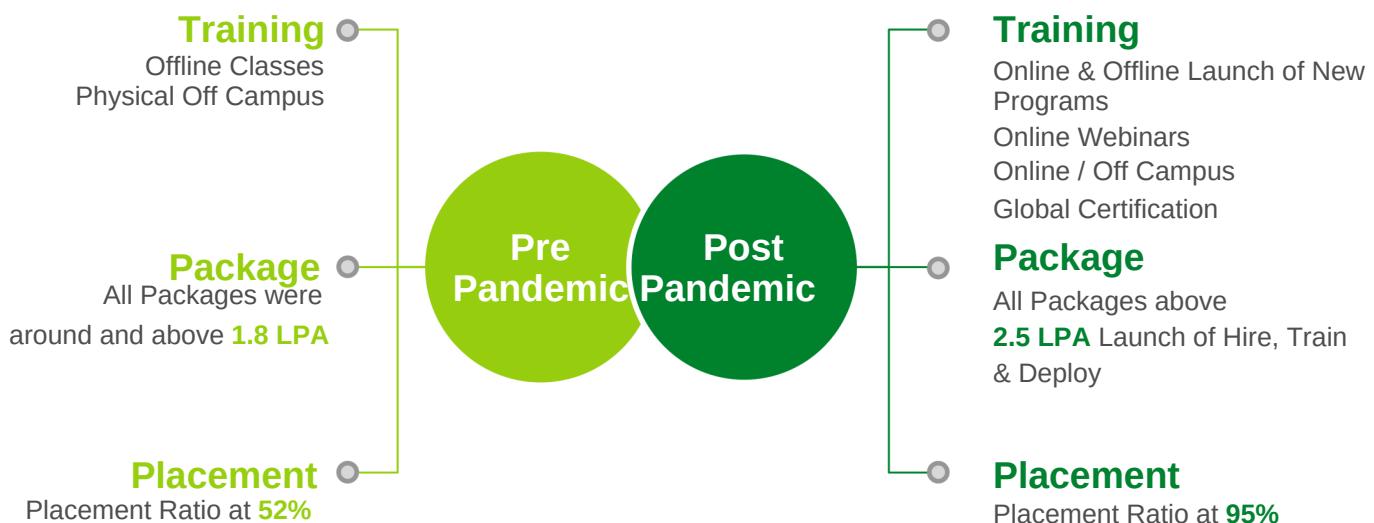


7. Cross-Platform Compatibility:

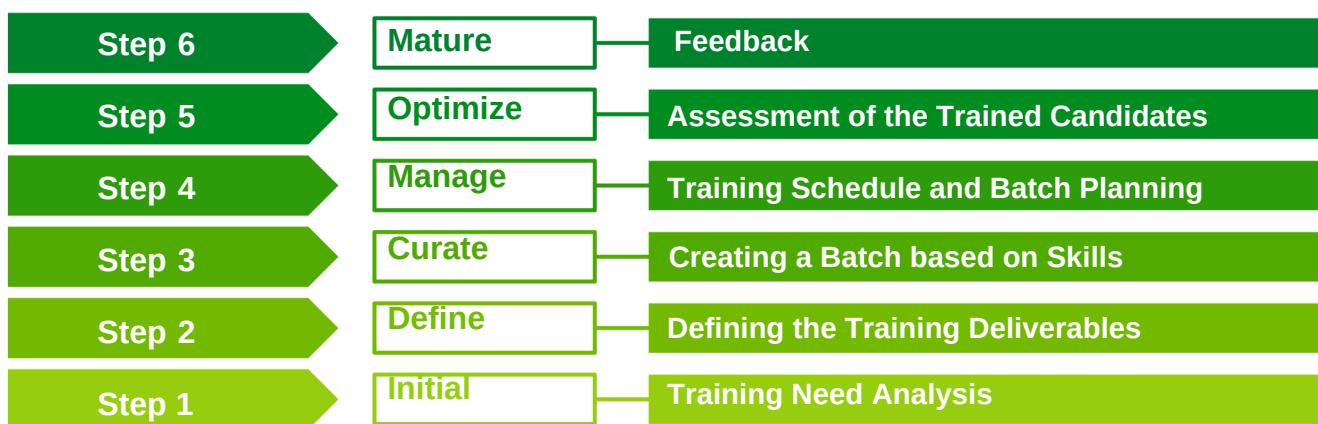
Applications written in Python can run on various platforms without major modifications, making it a versatile choice for developers and organizations.



Pre & Post Pandemic Scenario

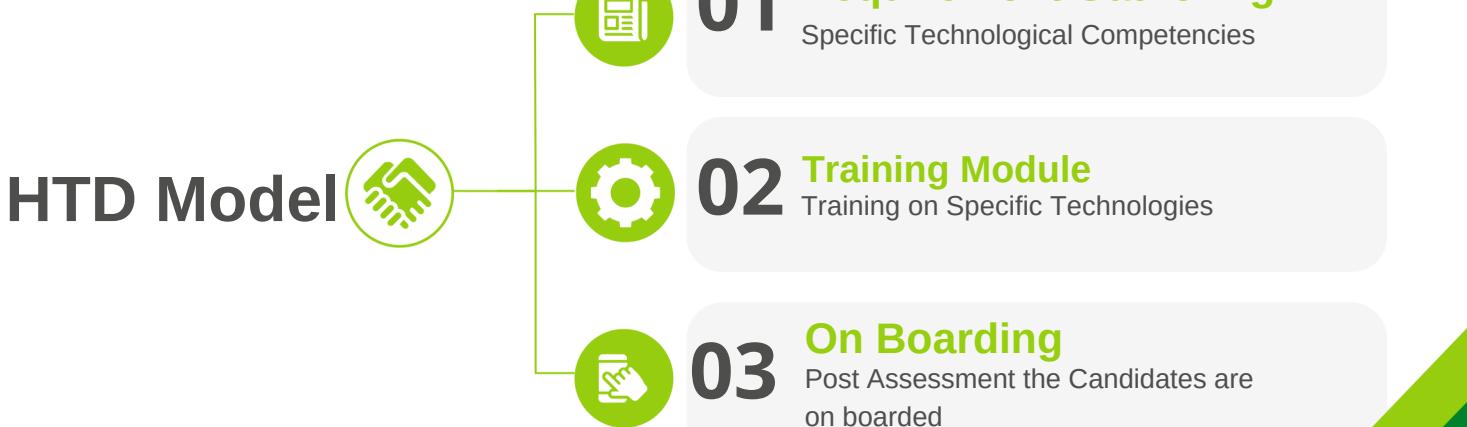


Our Training Process for Company Executives



Process for Hire, Train & Deploy

A customised and tailored staffing solution that perfectly fits with recruitment objectives of your company .



Our Students Testimonial



Priyanka Aware

Google★★★★★

It's one of the best institutes for training and placement. The trainers are well qualified, experienced, and supportive all the time. I have completed full stack Java certification from iTPreneur and placed as a Software developer. Thanks to iTPreneur and all the cooperative staff.

Google★★★★★

Harshal Lahane



iTPreneur is one of the best educational institutes to learn and develop your skills with good trainers. Grate staff, I will definitely recommend this to everyone.



Govind Tekale

Google★★★★★

iTPreneur is a very good institution, and very good faculty is also here. And I also got placed in good company with 8 lakh package.

Google★★★★★

Shreya Kamble



iTPreneur helps me gain and enhance the needful technological skills. The staff here are supportive and I'll like to thank the trainers here for giving me great knowledge and guidance.



Jyoti Mandage

Google★★★★★

It is a good training institutes in pune. Trainers are really good. They are helping us to improve our soft skills and coding. Placement team is also cooperative. Thank you iTPreneur for such a nice experience

Google★★★★★

Shreyash Sawant



I highly recommend iTPreneur to anyone interested in pursuing a career in IT. Their full stack Java development training is top-notch and has opened up so many opportunities for me. The instructors are fantastic and the support from the placement team is unmatched. Thank you, iTPreneur, for helping me launch my career in the IT Industry!



Pund Gopikisan

Google★★★★★

iTPreneur is one of the best institute in Pune for IT training and placement. I have completed my master course in software Testing and got placed in good organization. They have been guiding me since the day 1 very well. It was really great journey. Staff is friendly and supportive. I highly recommend everyone to join iTPreneur who are willing to get a good Job in IT Company.

Our Students Testimonial



Shivkant Thakare

Google★★★★★

One of the best training Institutes in Pune to start your IT career. My trainers Vinayak Sir, day Sir, and Sukrut Sir have helped me grow each passing day with skills and knowledge. The staff here is very helpful.and placement Team also Helpful. Thank you sir!

Google★★★★★

Veena Nair



itpreneur is the best training and placement institute I have been in. The most important thing here is they keep their promises of giving placements and the best training based on companies requirements. My major problem was regarding the communication in english even that was solved by them now I have enough confidence to present my point at any circumstances. Thank you itpreneur for supporting me. Thank you itPreneur for supporting me.



Nitin Jogdand

Google★★★★★

I came to know about ITpreneur through my friend. I chose full stack java development course. iTPreneur provides best quality course to students and yes they do provide the placement to students..And I got the job opportunity as Java Developer and thanks to Avdhut sir and all Placement team.

Google★★★★★

Abhishek Taru



I came to know about ITpreneur through social media search. I chose full stack java development course, as they provide diverse curriculum. There expert instructors made it quite easy to learn all the concepts. They provide certifications for boosting career prospects.Thank you ITpreneur for placement and support.



Rohit Bhujbal

Google★★★★★

I had a fantastic experience at the It Preneur Pune institute! The faculty was top-notch, providing valuable knowledge and support throughout my training. They were knowledgeable, approachable, and always willing to help. The placement team was equally impressive, going above and beyond to connect me with job opportunities. Thanks to their efforts, I landed a great job right after completing my training. I highly recommend this institute for anyone looking for quality training and excellent placement support.

Google★★★★★

Pooja Charakatle



Thank u so much itpreneur training, After completing my education I joined class in itpreneur it is a good training training Institute, I took admission for. Net developer course and I would like to thanks placement team also good they helped till getting the placement and also very helpful thanks for pranit sir and itpreneur trainer.

Our Expert Training Faculty



Best Placement Team



Best Career Counselling Team



Our Institute



Our Certifications





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