

Complete Learning Path to beacome a **Data Analyst**



Join the Learning Path Aligned to
Competency Standards developed by
MyCareerXpert in collaboration with
IIT Faculties and Industry Experts

Visit : www.mycareerxpert.com

Overview

Over the duration of this blended bootcamp, you'll grasp the fundamentals of Data Analysis and statistical interpretation in comprehensive online modules, with regular on-site check-ins to verify your consistent advancement towards the ultimate certification.

This Learning Path is Designed to transition into Data Analyst, Business Analyst roles for:



Beginners



No prior Coding Knowledge



Students and Freshers



Any Graduate or Postgraduate



Working Professionals/
Career Breaks



1-on-1 mentorship

As with all HyperionDev bootcamps, you'll have access to 1-on-1 mentorship



Video chats & Prompt review

Regular video chats, and prompt review and feedback on all your coding submission

About **Data Analyst** Career Track

A professional in Data Analysis gathers, refines, and analyzes datasets to address inquiries or resolve issues. They operate across various sectors such as business, finance, criminal justice, science, medicine, and government.

- Popularity- **75%**
- Open Jobs in India- **85,000 +**
- Average Fresher Salary- **4.5 LPA**
- Top Skills- **Data Visualization, SQL, Computer Programming**



Highlights about the Learning Path



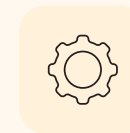
Placement Support

Career Services and Placement Connect



Discussion Forum

Access to our Doubt Engine



Skills & Tools

Learn 6+ Tools & Skills



Knowledge Centre

Access to our Content Library



Industry Experts

Mentoring from Top Industry Experts



Career transitions

5000+ Certified Learners

Learning Path Journey

Week 1	Introduction to Data Analytics
Week 2-4	Programming Fundamentals with Python
Week 5	Business Analytics with MS Excel
Week 7	Advance SQL
Week 9	Data Visualization & Storytelling
Week 11	Advanced Python Programming
Week 15	Placement Preparation



Career Services & Placement Preparation



Role Clarity

Have a clear understanding of Job Role, responsibilities and skills required.



Hands on Training

Hands on Practices on various skills, tools



Capstone Project Development

Get hands-on experience working on Capstone projects



Portfolio Building

Build your strong portfolio by maintaining good github profile etc.



Resume Building

Build a perfect resume and get your dream job



Mock Interview

Providing experience To crack interviews



Hackathons

Solve interesting business problems and real-world challenges



Corporate Connect

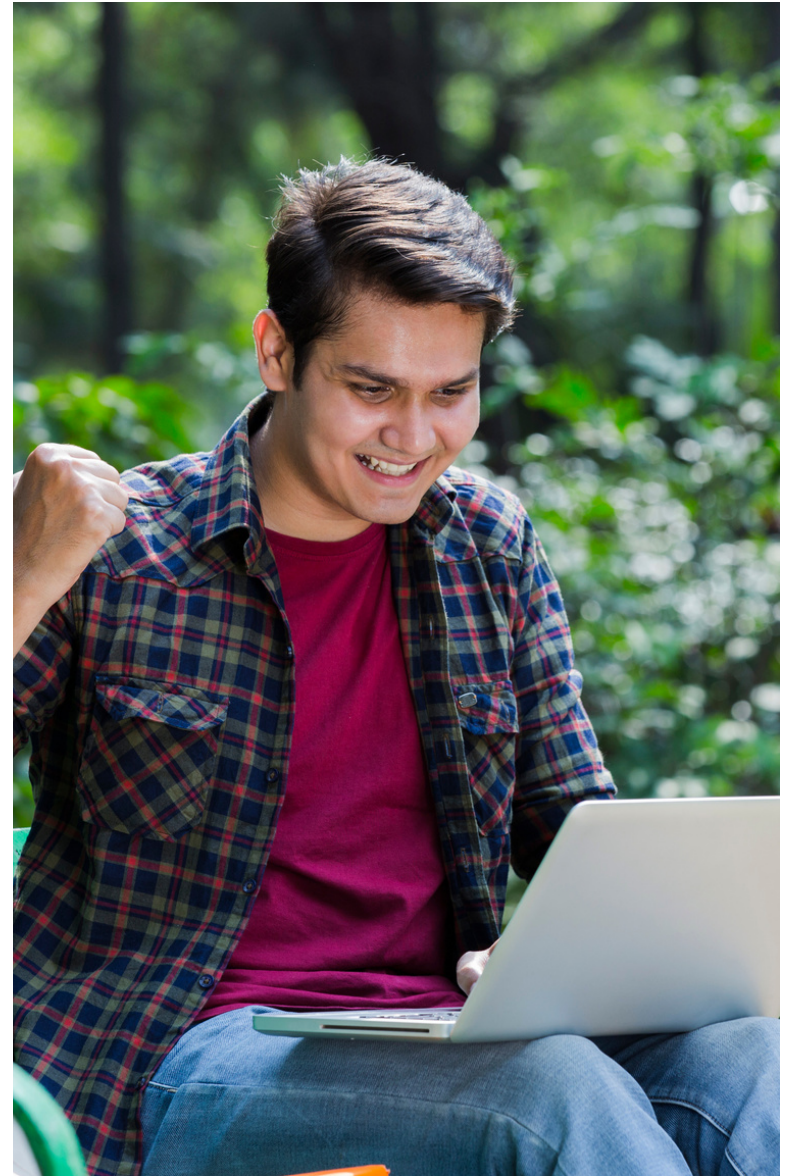
Connect with various Top Companies and apply for different roles

Why you should choose a career in tech

There is great advantage in knowing how to code, as it brings new career opportunities, skills development, and personal growth. The last decade has seen massive growth in the use of digital technologies, and today, tech firms offer some of the highest-paying jobs in the world.

Knowing how to code increases your competitive advantage in the working world, even if you don't make the move to a new tech career. Companies are always looking for prospective hires who know how to solve problems and innovate, as well as use technology in addition to their core skill set – skills that can easily be highlighted with knowing how to code.

Finally, coding skills bring many personal rewards. Programming requires a mindset of thoughtfulness and innovation in assessing and solving problems, and as you develop these abilities, you build a skill that can be used in almost any area of your life.

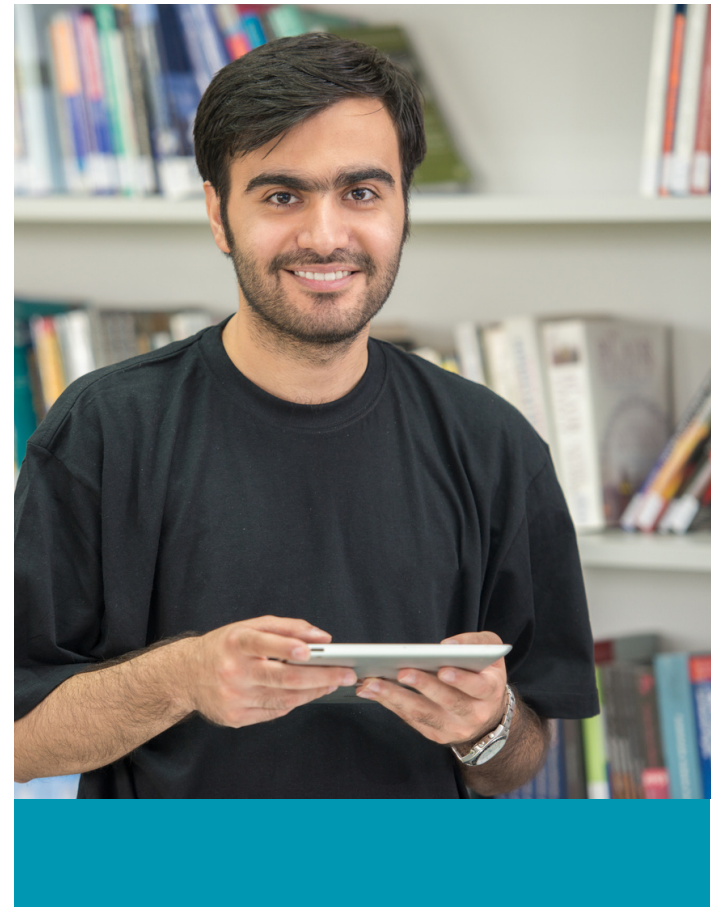


Course Curriculum

This immersive bootcamp is structured to instruct you in the fundamental principles of Data Analysis , before advancing to more advanced concepts. Over the span of twelve months, you'll cultivate a profound and extensive comprehension of Data Analysis and related skills.

These tasks are designed to:

- ✓ Introduce you to the foundational principles of data analysis and statistical interpretation.
- ✓ Enhance your skills by instructing you on various analytical tools, technologies, and programming languages commonly used in the field.
- ✓ Demonstrate advanced methodologies and techniques in data analysis, ensuring your proficiency in tackling diverse challenges.
- ✓ Apply your knowledge through the completion of multiple capstone projects distributed throughout the course, allowing you to practice and showcase your skills in real-world scenarios.



Course 1: Introduction to Data Analytics

Week: 1 Lessons: 10 Practice Quizzes: 20

Topics to be Covered

- Why Analytics ?
- What is Analytics ?
- What does a Analytics Professional do ? Where are the opportunities ?
- How to be a prepare for Analytics jobs?

Skills you will acquire

- Get overview of Analytics industry
- Understand about tools required for Analytics
- Understand various steps involved in Analytics Pipeline

Course 2: Fundamentals of Computer Science

Week: 1 Lessons: 10 Practice Quizzes: 20

Topics to be Covered

- History of Computing.
- Introduction to Turing Machine.
- Basic of Computer Architecture.
- What is a CPU
- What is a Motherboard
- Internet
- Personal Computers

Skills you will acquire

- Learn about Fundamentals of Computer Science.
- Learn about various components of Computer Science.

Course 3: Programming Fundamentals with Python

Week: 2 Lessons: 20 Practice Problems : 100+

Topics to be Covered

- Introduction to Python
- Control Statements in Python
- Data Structures in Python
- Functions in Python
- Problem Solving using Python

Skills you will acquire

- Computational Thinking
- Logic Building
- Basic Python skills

Course Projects

- Python clock
- Python calculator
- Tic Tac Toe game

Course 4: Business Analytics with MS Excel

Week: 2 Lessons: 110+ Practice Projects : 170+

Topics to be Covered

- Introduction to Excel
- Excel Formulae and Functions
- Pivot Tables & Charts
- Dashboarding on Excel

Skills you will acquire

- Basic Data Filtering
- Data Wrangling
- Dynamic Dashboard Building
- VBAs & Macros

Course Projects

- IPL Data Analysis
- Retail Store Analysis
- E-commerce Data analysis

Course 5: Data Visualization and Storytelling

Week: 2 Lessons: 60+ Practice Projects : 110+

Topics to be Covered

- Introduction to Tableau
- Data Connections & Wrangling
- Calculations in Tableau
- Dashboard and Storytelling using Tableau

Skills you will acquire

- Data Visualization
- Dynamic Dashboard Building
- Data Driven Storytelling

Course Projects

- Social Media Dashboard
- Sales Growth Dashboard
- Account Management Dashboard

Course 6: SQL for Data Analytics

Week: 3 Lessons: 100+ Practice Problems : 100+

Topics to be Covered

- Introduction to SQL
- Basic Data Filtering using SQL
- Joins & Unions in SQL
- Sub Queries and Nested Queries
- Window Function

Skills you will acquire

- ETL skills
- Data Wrangling
- DDL, DML, DCL
- Data Extraction

Course Projects

- Indian Cricket Data Analysis
- Zomato Data Analysis
- Northwind Data Analysis

Course 7: Advanced Python Programming

Week: 3 Lessons: 100+ Practice Problems : 100+

Topics to be Covered

- Data Wrangling using Numpy
- Numpy implementation and use case
- Data Wrangling using Pandas
- Pandas implementation and use case
- Data Visualisation using Matplotlib
- Data Visualisation using Seaborn

Skills you will acquire

- Exploratory Data Analysis
- Data Frame Manipulation
- Data Visualization
- Data Wrangling

Course Projects

- Cohort Analysis
- Customer Personality Analysis
- Unemployment Analysis

Our Instructors



Pradeep Rawat

Expert in **DevOps**

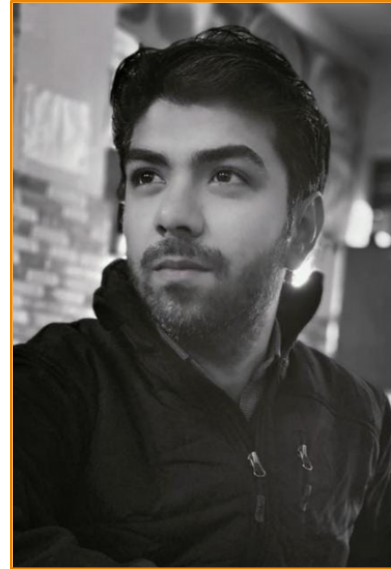
Currently working at
Cisco



Pranav Jaipurkar

Expert in **Data Science**

Studied from
University of Maryland



Pankaj Kapoor

Expert in **Full Stack Dev**

Studied from GLA
University



Gulshan Kumar

Expert in **Data Science**

Studied from IIT
Kharagpur



Our Instructors



Akshat Lohiya

Expert in **Data Science**

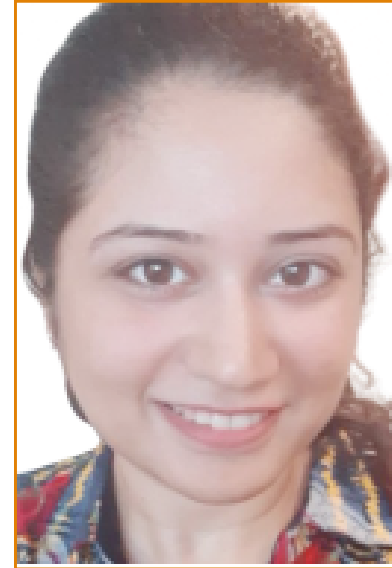
Studied from
IITD



Rutvik Acharya

Expert in **Data Science**

Studied from
IIFT



Dharna Ahuja

Expert in **Full Stack Dev**

Tutor at
VIT Vellore



Frequently Asked Questions

What are the terms and conditions to be eligible for guaranteed job interviews?

To avail the guaranteed job interviews, you'll have to:

- Maintain attendance of at least 85% during the live classes for each phase of the program.
- Submit all your course-end projects and capstone projects within 7 days of program completion.
Mandatorily submit all assignments, projects and case studies within the due timeline.
- Successfully complete all the course modules along with at least 80% of the selflearning videos.
- Avoid malpractices during appearing for the test or assignment submission else you will be permanently disqualified from this program.
- Candidates must clear the PRT (Placement Readiness Test) after the course completion to get into the placement pool and get access to our job portal as well as the career mentoring program.

What is expected from a candidate during the job assistance period?

The following is expected from the candidates during the job-assistance program:

- Should give their 100% to secure a good job.
- Attend all the career preparation sessions that are conducted.
- Remain active in job search and apply to at least 30 jobs per month.
- Once shortlisted for a job, the candidate should go through the entire selection process.
- Candidates should be open for relocation to the company's location.
- Failure to comply with any of the above will result in debarring from the placement process.

What are the eligibility criteria for this program?

To be eligible for this program, you will need to meet the following criteria:

- Individuals who have pursued B.E., B.Tech, B.Sc., BCA, M.E., M.Tech, M.Sc., and MCA.
- Any working professional up to 28 years of age.
- Have a minimum of 50% throughout their academic journey (i.e. X, XII, Graduation, and Postgraduation)
- Have valid mark sheets and degree certificates for verification.
- Must be allowed to legally work in India.
- Have a valid Aadhar Card and PAN Card. Must pass the background check from previous employer/institute.
- **Note:** If you are in your final year of college, then you will be required to submit all mark sheets & certificates earned till the last semester (with at least 50% up to your last semester) and proof from your college that mentions the month and year of your graduation.

What is the process of getting into the placement pool?

To be eligible for getting into the placement pool, the learner has to complete the course along with the submission of all projects and assignments. After this, he/she has to clear the PRT (Placement Readiness Test) to get into the placement pool and get access to our job portal as well as the career mentoring program.



Thank You