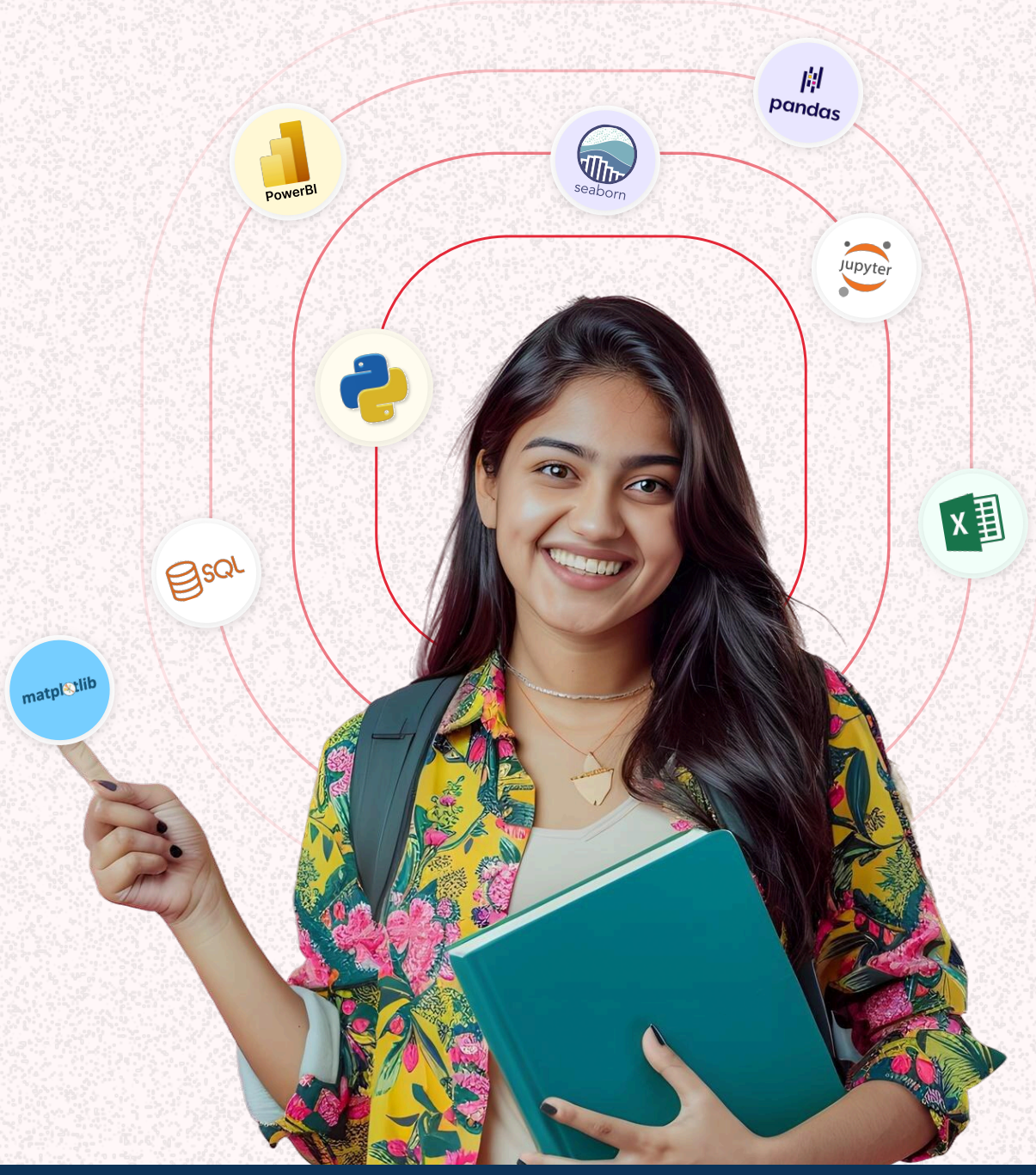
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Data Analytics
with Gen AI

Batch Starting from

19th April



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Data Analytics Course Highlights

- Cohort based learning **Only 100 seats**
- 1 Year **Validity**
- Mentorship by **Industry Experts**
- Regular projects and **Assessments**
- Certification by **Nasscom**
- Internship **Assistance**
- 200+ skilling **Courses**
- 260+ hours of **Live classes on weekends**
- Regular projects and **Assessments**

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Tools you will learn

matplotlib
NumPy
jupyter
pandas
PowerBI
seaborn
SQL
amazon web services

Meet our faculty



Dipayan Sarkar

Principal Data Scientist I AI Researcher

23+ years in Data Science, AI, ML

4.8+ ⭐



Utkarsh Sharma

Professional Data Science and AI Trainer

Data Scientist I Machine learning

4.8+ ⭐



Atulya Kaushik

Director and senior mentor

Ex- Google, Ex- Instamojo

4.8+ ⭐



Abhisheak Saraswat

Senior Data Scientist (Gen AI)

Ex- Mercer, Ex- upGrad

4.8+ ⭐



Vaibhav Shukla

Lead Data Science Trainer

Ex- ADP, Ex- CSIO, Ex- Coforge

4.8+ ⭐

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Why choose **Career 247?**

- Industry Relevant Curriculum
- Capstone Projects & Case Studies
- Job-Ready Training
- Flexible Learning

1000+
Students Placed

8.2 LPA
Average CTC

33 LPA
Highest CTC job offer

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Course **Syllabus**

Module 1

1. Introduction to data analytics
2. Data analytics & its global scope
3. Role of data analytics
4. Data analytics vs business analytics
5. BE tools and techniques
6. Data analytics method
7. Data sources
8. Types of data

Module 2

1. Jupyter & google colab installation
2. Working with python notebooks
3. Python operators, data types, functions
4. List, slicing, list operators, tuples, dictionaries, set, def & return statement
5. Advances python functions, SQLite
6. Numpy, Panda Intro
7. Date time manipulation & Data cleaning
8. Intro to matplotlib, seaborn & plotly
9. Barps plot, Quiver, Stream plot
10. Data visualisation using matplotlib, seaborn.
11. Introduction to streamlit.

Module 3

1. Statics and probability
2. Inferential stats and feature engineering
3. Exploratary data analysis
4. Introduction to SQL
5. MySQL user interface
6. DDL, DML, DOL, TCL, DCL
7. Aggregate, string and temporal functions.
8. Working with joins & constraints
9. Indexes and views
10. Use of subqueries
11. Union, Intersect, sub-query
12. use of window functions
13. Data modelling & normalization

Module 4

1. Introduction to power BI
2. Data visualization
3. Data modeling
4. Power query editor
5. Sample dashboard with animation visual
6. Introduction to using excel data in Power BI
7. Creating reports, Customer visuals
8. Publishing, sharing & scheduling a refresh

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Course **Syllabus**

Module 5

1. Excel introduction
2. Worksheets and workbook
3. Functions
4. Data cleaning & validation
5. Visualization
6. Macros and VBA
7. Security Features
8. Security features
9. Introduction to Tableau
10. Tableau end to end
11. Sample dashboards in tableau
12. Usage of SQL in tableau

Module 6

1. Introduction of generative AI
2. Generative AI for text generation
3. Generative AI for machine translation
4. Generative AI for creative content generation
5. Advanced topics in generative AI with NLP
6. LLMs: Use cases and potentials
7. Hugging face hub: A gateway to generative AI
8. Prompt engineering: The art of guiding LLMs
9. Fine-tuning: Unviling the potential of LLMs

Class Schedule

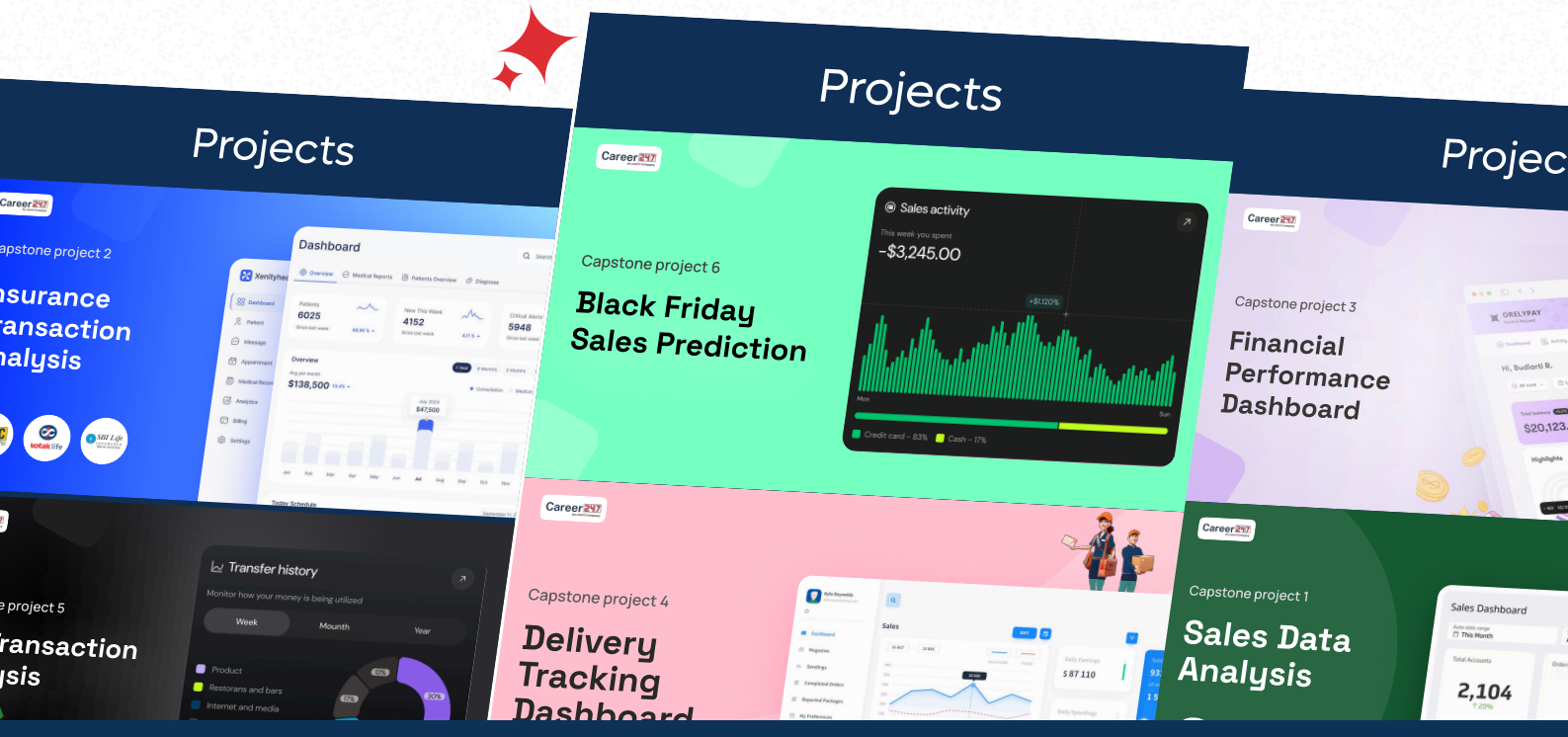
Saturday	Sunday	Thursday
3 Hours	3 Hours	2 Hours (Doubt session)
7:00 PM - 10:00 PM	7:00 PM - 10:00 PM	8:00 PM - 10:00 PM

Additional
Learning Components

- Generative AI & Advanced Topics
- Industry leader sessions & Mock interviews
- Capstone projects & Resume building

Projects You'll Do

1. Insurance Data Analysis
2. UPI Transaction Analysis
3. Sales Data Analysis
4. Black Friday Sales Prediction
5. UPI Transaction Analysis
6. Financial Performance Dashboard



Program **Highlights**

Personalized Learning Experience

Customise your study schedule and learning pace to fit your lifestyle.

Affordable Tuition Fees

Access quality education without the high cost of traditional classrooms.

Interactive Learning Tools

Access to videos, quizzes, and discussions for an engaging learning experience.

Dual Certification: NASSCOM & Career247

Get the best of both worlds Career247's certification and a NASSCOM Certification

Learn from experts

Courses taught by experienced professors and industry professionals.

24/7 Access to Study Material

Get access to 100+ recorded videos and assessments.

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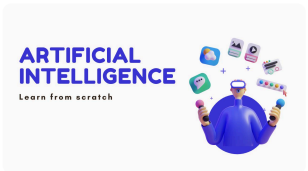
Program Highlights

Get access to 200+ skilling courses

Expert taught Courses like:

- Python
- Data science
- DSA all languages
- Competitive coding
- Interview prep
- NLP and deep learning
- Pandas
- C, C++
- AI/ML
- Github
- Aptitude etc.





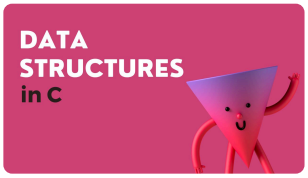
Artificial intelligence



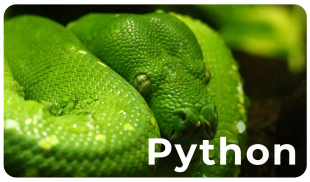
Competitive coding



Data Science



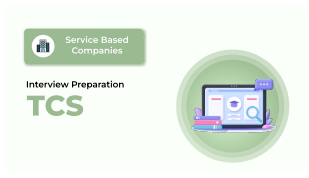
Data Structures in C



Python language



Artificial intelligence



Company preparation



Data Structures in C

Placement Assistance Process

Placement Assistance includes

1. Resume building and interview preparation skills workshops
2. Mock interviews with technical and soft skills assessments
3. Access to library of company-specific assessments wherever applicable
4. Placement qualification to access Career Services team for potential job opportunities*

*Note: Placement qualification is necessary to access the Career Services team. Job opportunities depend upon market conditions, hiring trends, and candidate performance and feedback.

Qualification criteria to access Career Services:

- 75% passing criteria across all assessments and projects
- Passing the mock interview sessions by respective faculty/ mentor
- 80% attendance across our programs.

Who Should Do The Data Analytics Course?

Aspiring Analyst

Individuals eager to kickstart a career in data science, machine learning, and AI.

Career Changers

Professionals from non-technical backgrounds eager to transition into the high-demand field of data analytics.

IT & Engineering Graduates

Students or professionals with technical degrees who want to specialize in data analysis.

Business Professionals

Managers or executives aiming to make data-driven decisions and enhance business outcomes.

Freelancers & Consultants

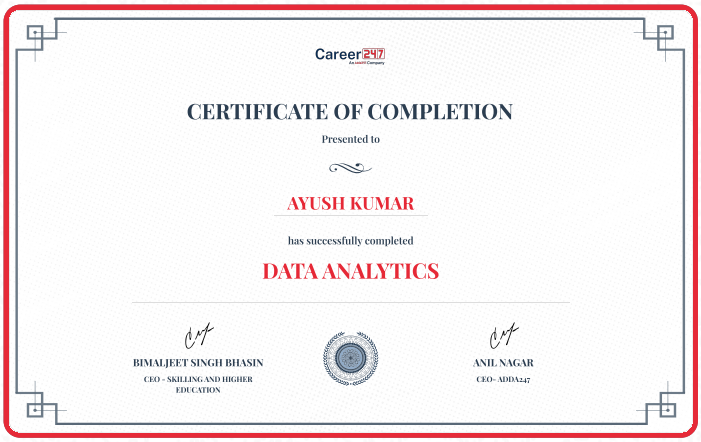
Professionals who want to offer data analysis as a service to clients.

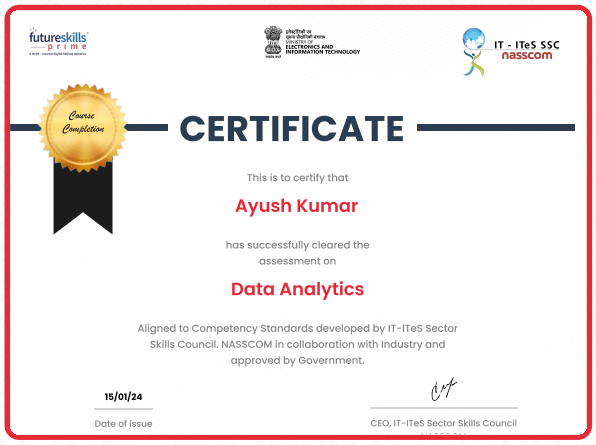
Upskilling Professionals

Those in adjacent fields like marketing, finance, or operations who want to add data analytics to their skill set.

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Career247 **Certifications**





Earn your **DATA ANALYTICS** certificate

- Industry-Recognised Credentials
- Dedicated Live sessions by industry experts
- Enhanced Job Opportunities
- Makes your resume standout among recruiters



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Benefits

- Cohort based learning Only 100 seats
- 260+ hours of Live classes on weekends
- Mentorship by Industry Experts
- Regular projects and Assessments
- Internship Assistance
- 1-1 Mock interviews by Industry Leaders
- 1 Year Validity
- 200+ skilling Courses
- Certification by Nasscom



₹50,000 only

Inclusive of all taxes