

# Generative AI Certification Course

Creating a pool of  
**SKILLED MANPOWER**



WWW.DUCATINDIA.COM

**320+ Hiring  
Partners**

**185%+ Average  
Salary Hike**



**2cr**

worth  
scholarships  
awarded



**600+**

professionals  
secured jobs  
after a career  
break



**30k+**

Trusted  
Learners

Our Advanced Data Science and AI program is designed for professionals seeking to advance their careers in the fast-changing field. It offers a holistic learning experience with practical applications and real-world case studies. The program covers cutting-edge technologies and ethical considerations in AI to prepare working professionals for success.

**We exist to provide accessible, reasonable, and industry-relevant education that empowers India's workforce to grow and develop.**



4.79/5



4.66/5



4.8/5



Thousands of student reviews on Switchup,  
Course Report, Google and more

# Program Highlights



## Industry-Relevant & Updated Syllabus

Learn new tools, techniques & trends. Gain app development experience.



## 360 Degree Knowledge Building

Develop practical skills through real-world projects and assignments.



## One on one Dedicated Mentorship

Personalized learning experience from experienced industry professionals.



## Multiple Career Opportunities

Advance in data science career by pursuing roles like data scientist, engineer, etc.

# Why Learn Data Science?



60% rise in data science jobs



250% highest salary hike



300+ partner companies

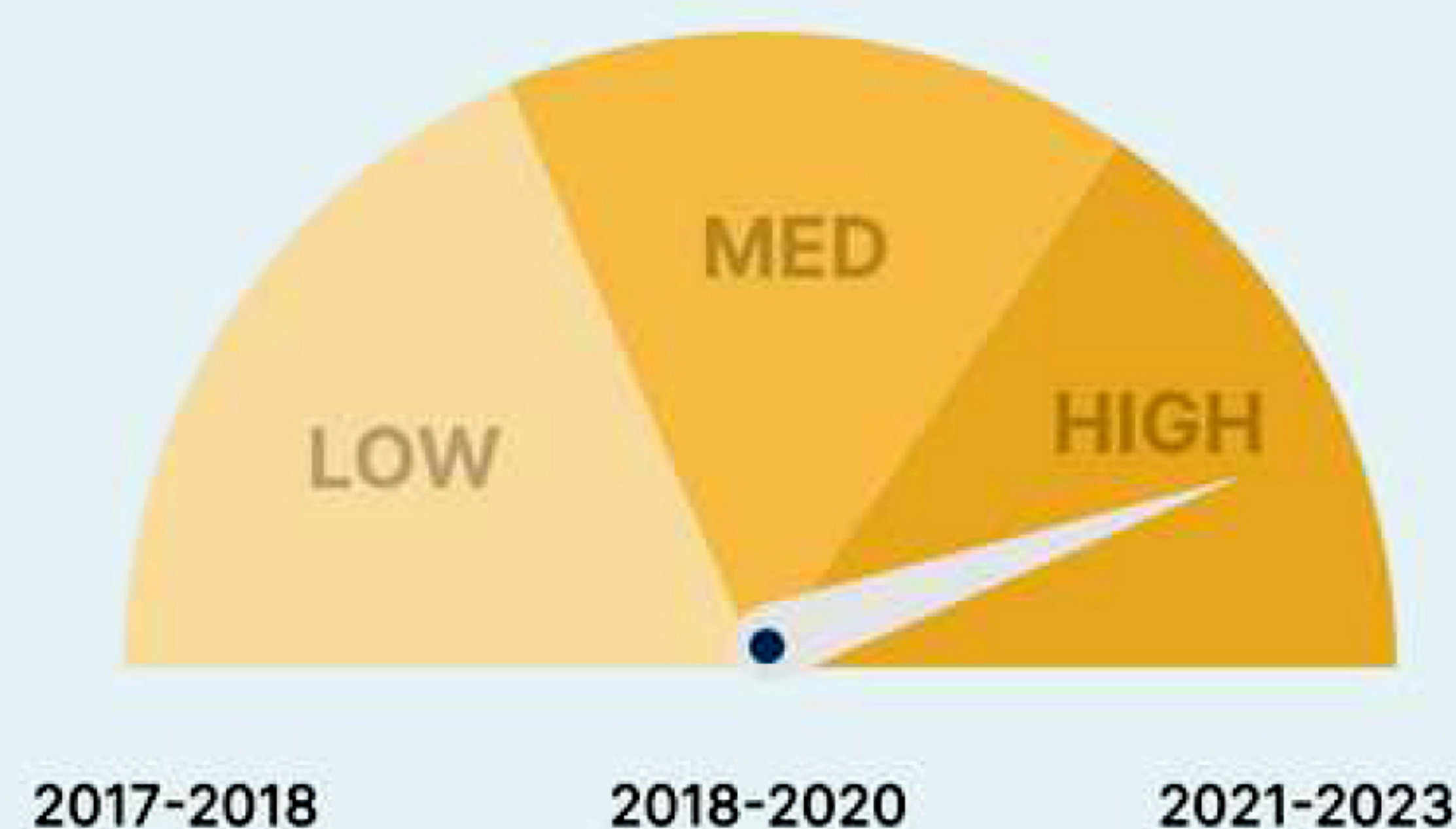
Average annual salary of Data Scientist by experience

**₹ 72,177**



\*\* Avg Salary in Lakhs

Demand for data science skills increased by **327%**



2017-2018      2018-2020      2021-2023

Data Science popularity in last 5 years

## Placement Report

**50K+**

Trusted Learners

**17K+**

Successfully Placed

**65K+**

Job Interviews Cracked



+70-70-90-50-90



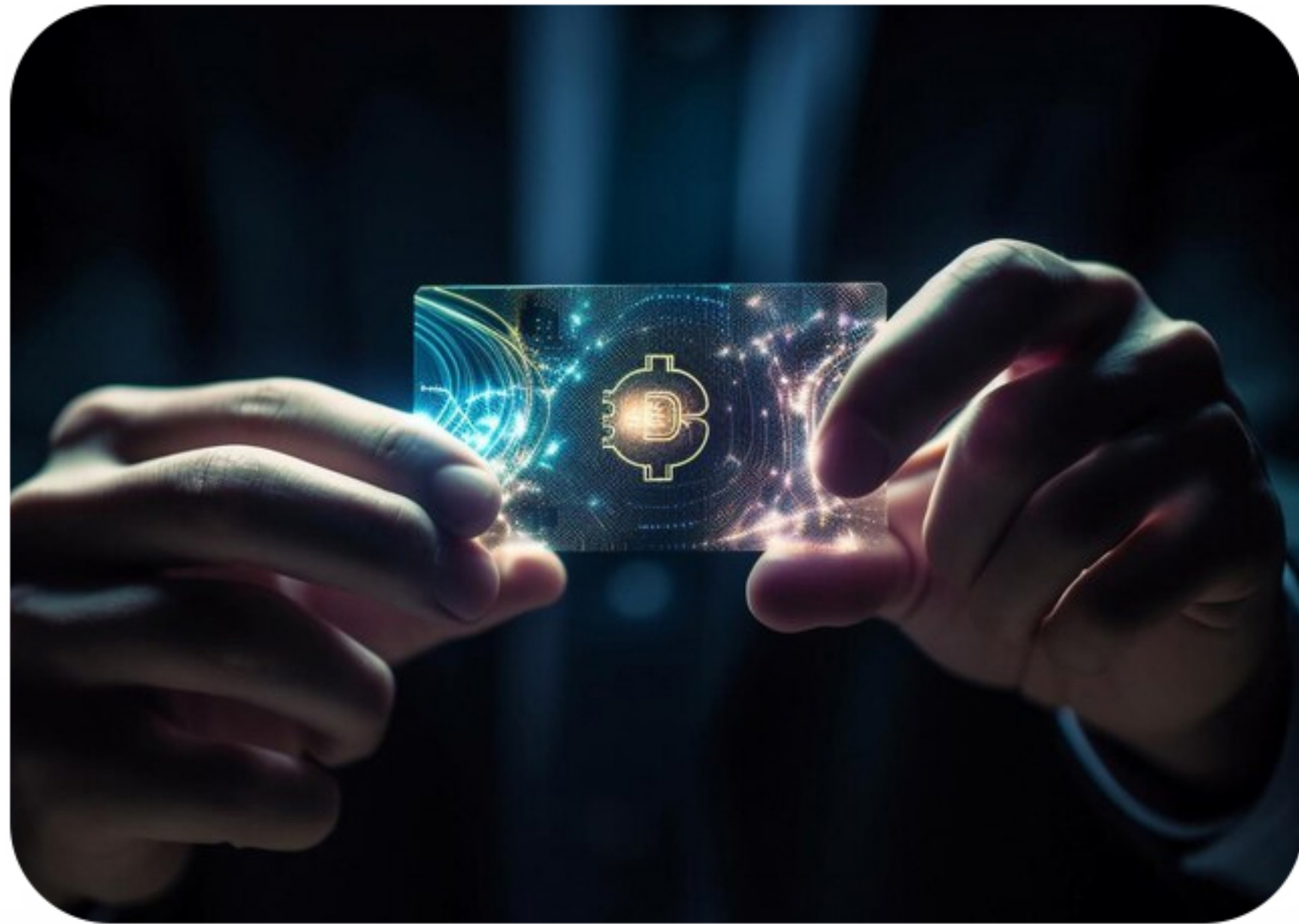
info@ducatindia.com



www.ducatindia.com

# Domain Electives

Select any 1 domain and become a domain expert



## BFSI

Master financial analysis for strategic development success



## Healthcare

Use advanced tools & methods to gain a competitive edge



## Manufacturing

Explore advanced tech for strategic skill development



## Energy, Oil & Gas

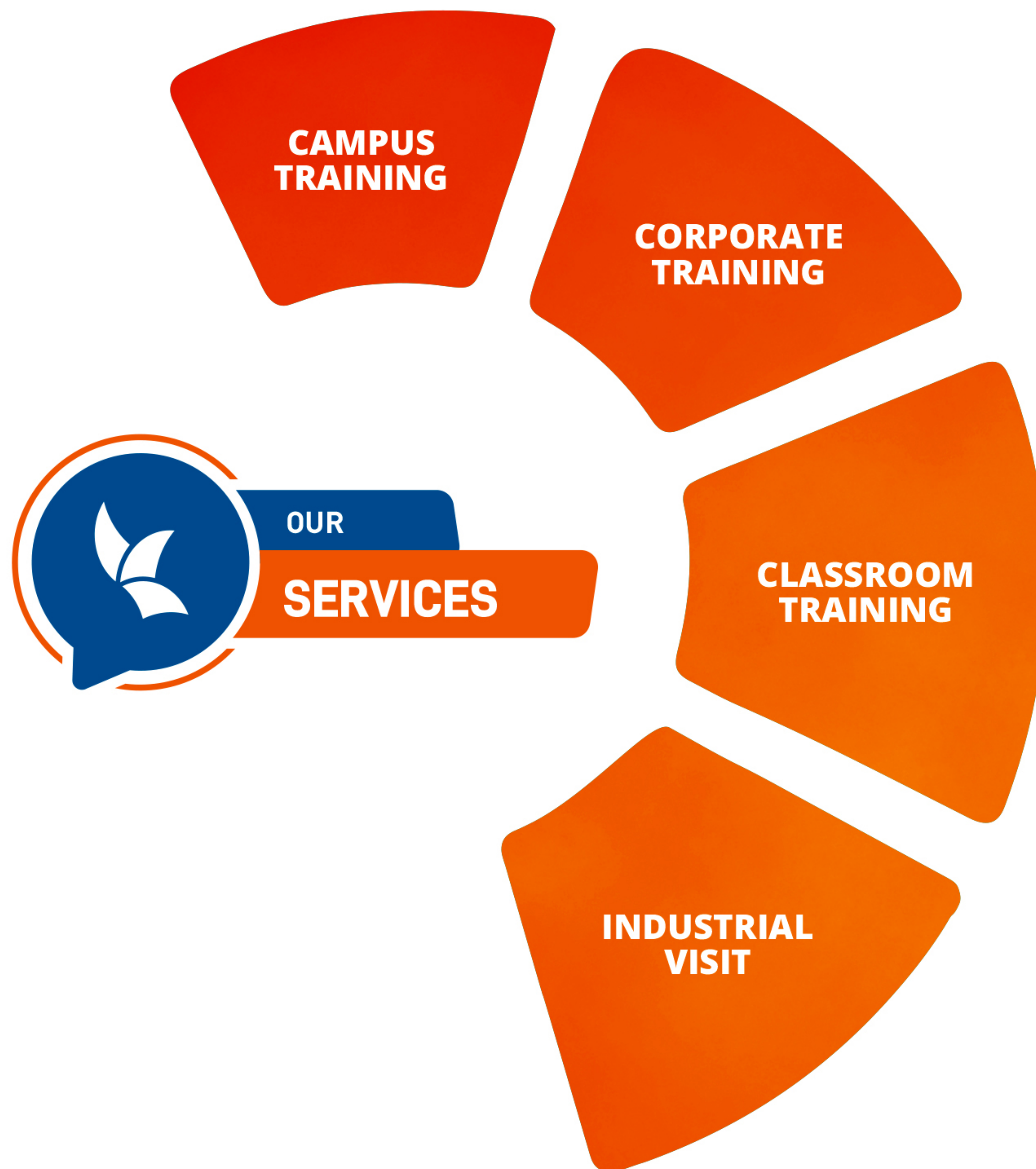
Excel in data analysis, craft dynamic dashboard for insights



## Supply chain, E-com & Retail

Master supply chain domain with data-driven insights and strategies







**HIGHEST PACKAGE**

**15,00,000**

**LTI**  
Let's Solve

**Rahul Dwivedi**



**HIGHEST PACKAGE**

**10,00,000**

**TCS** TATA  
CONSULTANCY  
SERVICES

**Pankaj Kumar Singh**



LIST OF

RECRUITERS





# What Our Alumni's Say



**Dhiraj Yadav**

3 reviews · 5 photos



★★★★★ 3 weeks ago **NEW**

I have been pursuing a Advance Excel (**Data Analyst**) at Ducat IT Training School in Noida, Sector-63, and it has been a fantastic experience thus far. The advance Excel faculty, Diwakar Sir, is an exceptionally thoughtful teacher who carefully crafts his lessons. His teaching style is engaging, and the material he presents is highly useful. He demonstrates great patience with all his students, always encouraging them to try their best. I would enthusiastically recommend Ducat IT Training School to anyone interested in pursuing **Data Analyst** Course.



**Saurabh Gautam**

1 review



★★★★★ a week ago **NEW**

I am Pursuing **Data Analytics** Course from Ducat IT Training School and it has been a great experience till now.

Mr Divakar sir is a very supportive teacher & friendly. I am having a great time learning Python. The way Divakar sir teaches really helped me to have a better understanding of all the concepts . He provides in-depth knowledge about all the topics. He clears all doubts in a very easy way. Thank you sir for guiding me.

Like



**Rahul Mandal**

3 reviews



★★★★★ a week ago **NEW**

I have been pursuing **data analytics** from ducat it training center at sec -63 . It has been great experience. The faculty of diwakar sir is very experience. He teaches everything in a unique way and explained everything with real life example.

Like

**Response from the owner** 4 days ago

Thanks a lot for the appreciation



**Shahfaiz Khan**

3 reviews · 5 photos



★★★★★ a month ago

I'm Shahfaiz Khan, and I'm from Noida. I am studying **data analysis** at Ducat, and my instructor, Mrs. Pratigya Ma'am, educates us in a very simple manner that drives us to prepare for all of these competitive tests. Wonderful lecturers are always there to clear up any confusion.

1

# What Our Alumni's Say

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**Sunny Manav**

1 review



★★★★★ 4 months ago

A very good place to learn .**Data analyst** course with 100% placement as well faculty is very dedicated to improve your skills

Gauravtomer sir is the best teacher for python,machinelearning,datascience and AI tolls... ❤️❤️❤️

Like



**VIKAS SAXENA**

1 review

★★★★★ 5 months ago

Best institute in NCR for **data analytics**

& also Avinash Jain sir teaching way is mind-blowing.

Like



**Kunj Shukla**

4 reviews · 1 photo



★★★★★ 5 months ago

Excellent teaching in python (data science **data analytics** AI &ML)in easier language by gaurav tomer sir

Like



**Mandeep Bhandari**

3 reviews



★★★★★ 6 months ago

It's has been 5 months to me Studing in Ducat sector 63 I am very much impressed from the teaching skills of Avinash Jain sir faculty of MS Excel,VBA and Power BI I personally recommend all aspirants who willing to join **data analyst** Course from ducat.

Like



**Ankit Kumar**

1 review



★★★★★ 7 months ago

Great environment and excellent faculty, I am doing **data analytics** and have to say that ducat has the best industry experienced professionals, special thanks to Pratigya sethi mam who teaches python with great efforts, and clear all our doubts👍,

1

# Program Syllabus

## Python Bootcamp for AI

2 weeks

- Python Essentials: Syntax, Data Types, and Variables
- Flow Control: Conditionals and Loops
- Functions and Custom Modules
- Data Handling with Pandas
- Linux Basics and Environment Setup
- Assessment: MCQ and Mini-Project.

## Build Your Interview Assistant

5 weeks

- Project Overview: Interview Automation Bot
- Components & Architecture
- Natural Language Models (LLMs): Introduction and Uses
- GPT-3 Deep Dive: Attention, Transformers, RL
- Interview Prompt Design
- Evaluation Metrics and Performance Tuning
- Speech Integration using Whisper
- Deployment with Flask
- Assessment: MCQ and Project.

# Program Syllabus

## Visual AI for eCommerce

4 weeks

- Introduction: Digital Transformation for Offline Businesses
- Multimodal Models: DALL-E and Beyond
- Style & Photography Principles for Visual AI
- Designing Image Prompts
- Standardizing Product Image Generation
- Image and Text Synchronization
- Assessment: MCQ and Project.

## Intelligent News Aggregator

2 weeks

- Project Outline: Personalized News Recommendation
- GPT-3 & Copilot for Code Automation
- Data Loading and Cleaning Techniques
- Generating Data Analysis Code with Prompts
- Model Development for Content Recommendation
- Assessment: MCQ and Mini-Project.

## Customer Support Bot - HelpMate Pro

4 weeks

- Project Introduction and Components
- Embeddings vs Fine-Tuning: When and How
- Semantic Search in Customer Service
- Query Answering with Vectorstore
- Scaling with Pinecone
- UI Improvements with GPT Models
- Assessment: MCQ and Project.



# Program Syllabus

## Knowledge Discovery Bot

3 weeks

- Project Overview and Architecture
- LangChain Tools and Concepts
- Backend Development with Vectorstore
- Intelligent Indexing and Search
- Connecting Components with LangChain Chains
- User Feedback and Continuous Improvements
- Assessment: MCQ and Mini-Project.

## Azure OpenAI Integration

2 weeks

- OpenAI on Azure: Services and Scalability
- Revisiting HelpMate Pro: Scaling Strategy
- UI/UX Best Practices for Bots
- Azure OpenAI Services in Action
- Assessment: MCQ and Mini-Project.

## The Future & Ethics of Generative AI

1 week

- Responsible AI: Bias and Fairness
- Future Trends: Multimodal Models and RLHF
- Closing Remarks
- Assessment: MCQ

## Capstone Project (3 Weeks)

- Building an Integrated Prompt Engineering Solution
- Project Submission and Peer Review

# PD Course

## Plan-1 Month



### Session Number Topic

Total Duration: 24 Hours

- Session 1** Self-introduction + Basic topics in spoken English such as My daily routine, My family etc.
- Session 2** Fundamentals of Aptitude: Number system+Algebra
- Session 3** Commonly used phrases + Personality Grooming/Etiquettes Training
- Session 4** Business Maths
- Session 5** Drafting Resume: Do's and Don'ts
- Session 6** Data Based Reasoning
- Session 7** LinkedIn Workshop: Profile Optimization, Networking, Job Search
- Session 8** Current Affairs + Important terminologies
- Session 9** Personal SWOT Analysis + Interview preparation
- Session 10** Group Discussion
- Session 11** Public Speaking
- Session 12** Critical Reasoning
- Session 13** Mock Interview 1 (Basic HR Round)
- Session 14** Diagnostic Aptitude Test
- Session 15** Mock Interview 2 (Including Behavioural HR Interview Questions)
- Session 16** Aptitude Test 2



Partners :



# DUCAT

The IT Training School

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[www.facebook.com/ducatieducation](http://www.facebook.com/ducatieducation)

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#### GHAZIABAD

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 Near ITS College, Mohan Nagar,  
 Ghaziabad (U.P.)  
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 +91 9810851363

#### PITAMPURA (DELHI)

Plot No. 366, 2nd Floor,  
 Kohat Enclave, Pitampura,  
 ( Near- Kohat Metro Station)  
 Above Allahabad Bank,  
 New Delhi- 110034.  
 ☎ 70-70-90-50-90

#### SOUTH EXTENSION (DELHI)

D-27, South Extension-1  
 New Delhi-110049  
 ☎ 70-70-90-50-90  
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#### GURGAON

1808/2, 2nd floor old DLF,  
 Near Honda Showroom,  
 Sec.-14, Gurgaon (Haryana)  
 ☎ 70-70-90-50-90