upGrad

Graduate Certificate Program

in Data Science & AI
powered by upGrad

Now integrated with
Generative AI

"The world is one big data problem."
– by Andrew McAfee

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WHY UPGRAD

300+
hiring partners

400%
maximum hike

58%
avg salary hike

700+
industry experts

₹72 L
highest salary

30,000+
satisfied learners

ABOUT UPGRAD

upGrad *has delivered over 20 million hours of learning, delivering programs by collaborating with universities across the world including, Duke CE, IIT Madras, IIIT Bangalore and Deakin Business School, among others.*

Online education is a fundamental disruption that will have a far-reaching impact. upGrad is an online education platform to help individuals develop their professional potential in the most engaging learning environment.

Since its inception, upGrad has delivered over 20 million hours of learning, delivering programs by collaborating with universities across the world, including Duke CE, IIIT Bangalore and Deakin Business School among others. upGrad is focused on helping working professionals in their bid to learn, grow and move up in their careers through a wide range of programs designed to improve their expertise.

Furthermore, our strong placement network, industry mentorship and the credibility of a Graduate Certificate Programme will provide you with just the right push to accelerate your career in Data Science!

"

Our aim is simple:
We strive to create high-impact, on-campus hands-on experiences that prepare students for meaningful and productive careers.

Ronnie Screwvala
Co-founder and Executive Chairman

upGrad

PROGRAM HIGHLIGHTS

Get certified by upGrad

in Graduate Certificate Programme in Data Science & AI

Get alumni status

by upGrad

Dedicated Career Assistance

Receive 360-degree career support from mock interviews with hiring managers, resume building, career fairs, industry mentors and much more.

Personalized Mentorship

Get personalized mentorship and doubt resolution sessions from our panel of industry experts.

Blended Learning

Learn with the ease and flexibility of recorded sessions as well as live sessions and personalized industry sessions designed to ensure a holistic learning experience.

For The Industry, By The Industry

Learn from 7+ case studies and industry experts to mentor you throughout the program. Prepare to kickstart your data science career.

Live Online Sessions

Learn from live lectures held by experts from the industry.

Become Interview Ready

Blended interview preparation through live and recorded sessions, topic-wise playbooks and industry-standard assessments/tests.

Build your Github Profile

Build your Git & Github profile to showcase to the interviewer.

Daily Doubt Resolution Sessions

Clear all your doubts anyday by joining the daily doubt resolution sessions.

Easy Deferral Option

Easy (free) deferral option to the next cohort in case you face time commitment issues (due to personal reasons, workload, etc.)

MENTERNSHIP (MENTORSHIP + INTERNSHIP)

A menternship is where students & young professionals can work on real-time situations. These Menternships are procured in collaboration with organizations from various industrial & functional backgrounds. A simple user interface coupled with game concepts facilitates an engaging experience. These well-curated projects will help the learners build real skills in the careers of their choice.

Moreover, apart from the projects, the Menternship will include 1:1 sessions and a chat feature to discuss doubts with your mentor. The maximum duration for completing this Menternship project is 60 days. However, the total learner time required will be around 20 hours.

Earn a certificate of Menternship

CERTIFICATE OF RECOGNITION

•practo• upGrad

Mar 08, 2023

This is to certify that the Mentern

John Doe

has successfully completed the Project

Identify the best source of recruitment for a tech startup, based on previous data of candidate sources and recruitment strategies

offered by **Practo Technologies Pvt. Ltd.** in collaboration with mentormind.in

The wind may not be in your control, but the sails are.
STAY AHEAD!

mentormind.in

Approved & Certified by

Verify your certificate with this number: **MM- 99999**

INDUSTRY EXPERTS & FACULTIES

S Anand
CEO at Gramener

Behzad Ahmedi
ML Enginner at Meta, ex-Data
Scientist at Walmart

Sajan Kedia
Sr Engineering Manager
at Disney+Hotstar

Ujjyaini Mitra
Founder & CEO
TheDeltacube.ai

Snehansu Sekhar Sahu
Applied Scientist - II
at Amzon [Bridge curriculum]

Mr. Munish Seth
Chief - Data Science & Analytics
at Pedilite Industries [Bridge curriculum]

Ashish Tendulkar
ML Architecht at Google
[Bridge curriculum]

Ankit Jain
ML Engineering Manager
at Meta

Aditya Bhattacharya
Explainable AI
Researcher at KU Leuven,
Belgium, ex-Microsoft

Mr. Munish Seth
ML Engieer at Google

UPGRAD LEARNING EXPERIENCE

Coaching

• Dedicated student success manager

• Weekly real-time doubt clearing sessions

• Live discussion forum for peer-to-peer doubt resolution monitored by
 technical experts

• Peer-to-peer networking opportunities with an alumni pool of 10,000+

• Lab walk-throughs of 7+ industry-driven case studies

• Access to the program for up to 3 years

Hands-On Projects and Hackathons

7+ Case studies to choose from as well as a Capstone Project and a
Hackathons to apply learnings.

Format

• Online format with live sessions from industry experts to help with
 topic walk-throughs, doubt resolution and personalized project feedback.

• Onine sessions such as Basecamps and Hackathons.

Mentorship

Live interactive sessions with industry experts, fortnightly personalized
group (1:8) mentorship sessions and a dedicated student mentor for proactive
mentoring.

INDUSTRY PROJECTS

IMDb Movie Analysis

Uber Supply-Demand Gap

Lead Scoring

Fraud Detection

Creditworthiness of Customers

Speech Recognition

Image Captioning

Social Media Listening

Telecom Churn

Interactive Market Campaign Analysis

Retail Giant Sales Forecasting

And many more!

LEARNING PATH

Course 1

Python for Data Science
(11 weeks)

Course 2

SQL & UI Tools for Data Science
(10 weeks)

Course 3

Statics and Machine Learning
(8 weeks)

PROGRAM CURRICULUM

Course	Week	Module / Content
Python for Data Science	Week 1	Introduction to Generative AI + Python
	Week 2	Programming in Python - I
	Week 3	Programming in Python - II
	Week 4	Generative AI - Fundamentals of Large Language Models (LLMs) and Prompt Engineering
	Week 5	Python Libraries for Data Manipulation
	Week 6	Python libraries for Visualisation
	Week 7	Data Collection Cleaning Pre processing
	Week 8	Univariate, Bivariate and Multivariate Analysis
	Week 9	Course Project - Credit Risk Analyzer + Python Lab
	Week 10	Buffer 1
SQL & UI Tools for Data Science	Week 11	Basics of SQL - I
	Week 12	Basics of SQL - II
	Week 13	Advanced SQL - I
	Week 14	Advanced SQL - II
	Week 15	GenerativeAI - Advanced Prompting and Data Analysis automation
	Week 16	Plotting and Dashboarding in Tableau
	Week 17	Advanced Visualisation using Tableau + Storytelling - I +Python/SQL Integration

Course	Week	Module / Content
	Week 18	Visualization using PowerBI
	Week 19	Course Project - TopProductDetect + SQL Lab
	Week 20	Buffer
Statics and Machine Learning (7 Weeks)	Week 21	Basics of Probability, Probability Distributions, Sampling Distributions and Confidence Intervals
	Week 22	Hypothesis Testing
	Week 23	Introduction to ML
	Week 24	Introduction to Classification and Logistic Regression
	Week 25	Introduction to Clustering, K-Means
	Week 26	Generative AI Crash Course Finetuning LLMs, ML tasks automation using PyCaret and GPT Embeddings
	Week 27	Course Project - GenerativeAI Hackathon
	Week 28	Capstone Project
	Week 29	Capstone Project

CAREER SUPPORT

Job Opportunities Portal

Gain exclusive access to upGrad's Job Opportunities portal which has 100+ openings from upGrad's hiring partners at any given time.

upGrad Elevate

Virtual hiring drive giving you the opportunity to interview with upGrad's 300+ hiring partners ensure you get every opportunity you deserve.

Just-In-Time Interviews

Get company and role-specific preparation with mock interviews right before your actual interviews.

Personalized Mentorship

Get mentored by an experienced data science industry expert and receive personalized feedback.

Resume Review

Obtain specific, personalized inputs on your resume structure and content.

Career Mentor

Get a dedicated career mentor to help track your weekly company application targets, coach you on your profile, and support you during your career transition journey.

Live Profile Building Workshops

Have live sessions of how to build your profile - be it your resume or GitHub - with hands-on sessions on Git and Github you can boost your profile. And also include your work from Kaggle & OpenCV.

OUR ALUMNI WORK AT

PROGRAM SUMMARY

2+ Million
Enrolled Learners

₹ 1.23 CR
Highest Salary

433%
Highest Hike

50%
Average Salary Hike

CAREER TRANSITIONS AT UPGRAD

Abhishek Singh
MIS Executive
(F&B)
↓
Senior Data Analyst, Myntra

Ayush Modi
Associate Consultant
(IT)
↓
Marketing Analyst,
Globalization
Partners

Ashish Y
Asst. Manager
(Manufacturing/Production
↓
Business Analyst, Arvind

Jai Krishna
Fresher
↓
Business Analyst, Quantzig

Shadab Hussain
Data Scientist (IT)
↓
Analyst, TheMathCompany
(July 2019)

Damodar Bandi
Global Supply Chain Analyst
(Software)
↓
Sr. Business Analyst, Data
Semantics

Shubhadip B
Technical Project Manager
(Tech Solutions)
↓
Sr. Technical Project
Manager, Aurionpro

Deepshikha
Senior Associate
(Tech)
↓
Data Analyst, Amazon

Rohit W
Quality Assurance Tester
(BFSI)
↓
Python Automation Engineer,
Credit Suisse

Hariharan S
AVP (BFSI)
↓
Project Manager

Mohit Mamgain
Internship (IT)
↓
Data Analyst, Shine.com

Aakash Dusane
Software Engineer
(Software)
↓
Data Scientist, Quantzig

PROGRAMME DETAILS

Programme Duration & Format

6.5 months | Online

Eligibility

Bachelor's degree

Program Fees

₹95,000

Weekly commitment

- 6-7 hours

- 7+ case studies and projects

- LIVE sessions every week

upGrad

upgrad.com

For further details, contact

✉ admissions@upgrad.com 📞 **1800 210 2020**

We are available 24*7

upGrad Education Private Limited. Nishuvi, 75, Dr. Annie Besant Road Worli, Mumbai - 400018, India.