

DATA SCIENCE WITH GENERATIVE AI

Unlock Real-World Skills with AI-Powered Learning

Learn Data Science, Machine Learning
& GenAI in one structured, career-ready program.





Program Overview

Duration:

6 Months

Mode of Learning:

Online (Live + Recorded)

Designed For:

**Beginners, career switchers
& tech enthusiasts**

EMI Options:

No Cost EMI available

Support:

**Live doubt sessions, community,
expert mentorship**

Certification :

**PW Skills &
PwC Certification**



SKILLS

pwc

Why Choose This Course?

Build a solid foundation in data science with hands-on practice and guided learning.

Learn to work with real datasets, industry tools, and GenAI workflows used in modern analytics.



Job Assistance



Resume & Profile Building



ATS-Friendly CV Reviews



Mock Interviews & Live Training



Career Dashboard & Telegram Peer Network



Doubt Support via Email, Community & Tickets



PW Labs: Cloud-based practice environment



Success Stories



Lost my job during the pandemic but transitioned from sales to analytics with PW Skills help. Now a Business Analyst at Oracle with a 100% hike.



Pavan Jahagirdar
Business analyst



Data Science Consultant: Projects & networking shaped career.



Ashish Dhakad
Decision Scientist



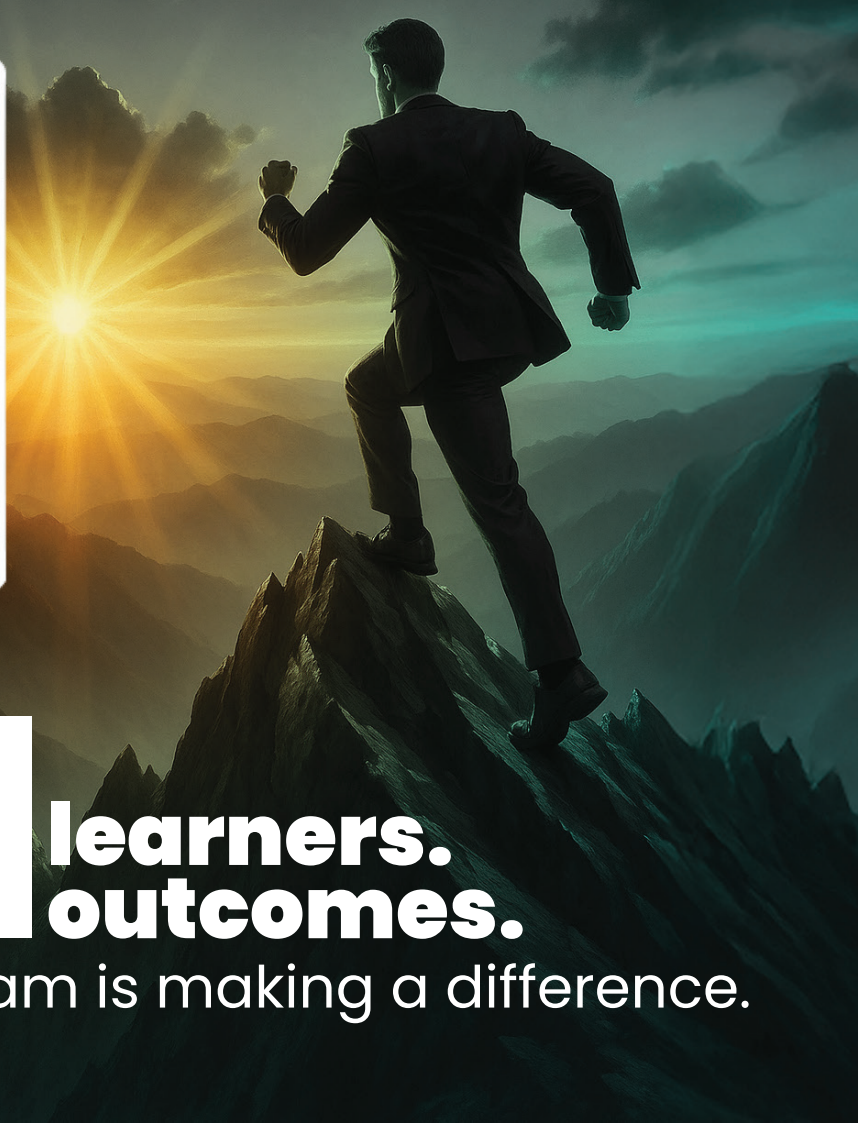
ML Engineer: DS Course equipped me, grateful for curriculum!



Vaibhav Joshi
Consultant

Real learners. outcomes.

Here's how our program is making a difference.



What You'll Learn

End-to-end skills. Weekly structure. GenAI edge.

Python Programming (6 Weeks)

- Syntax
- OOPs
- modules

Statistics (2 Weeks)

- Descriptive
- inferential
- Business insights

EDA & Feature Engineering

- Data cleaning
- Transformation

Machine Learning (6 Weeks)

- Regression
- SVM
- Trees
- Ensembles

Deep Learning (5 Weeks)

- ANN, CNN,
- TensorFlow, PyTorch

Generative AI (6 Weeks)

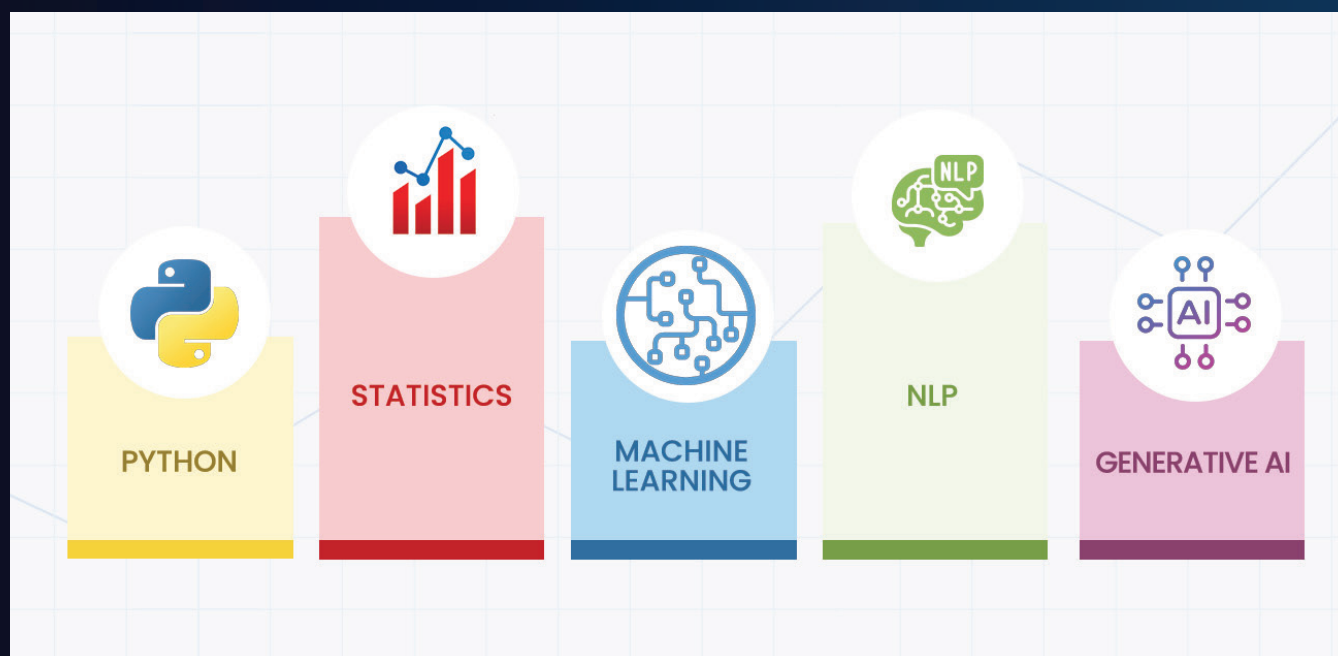
- GPT, BERT, LangChain
- DALL·E, Chainlit

NLP (3 Weeks)

- RNNs, text processing
- Chatbot basics

Capstone Project (3 Weeks)

- End-to-end industry solution



Curriculum & Learning Experience

Learn by doing with a curriculum built for real-world impact.

Topic	Description
Python Basics	<ul style="list-style-type: none"> Basic programming concepts in Python Data structures & Object-Oriented Programming (OOP)
Advance Python	<ul style="list-style-type: none"> Handling errors and exceptions Logging event details Python module creation
Databases & Web API	<ul style="list-style-type: none"> DBMS: MySQL (SQL) & MongoDB (No-SQL) Creating API connections using Python
Statistics	<ul style="list-style-type: none"> Basics of statistics
Advanced Statistics	<ul style="list-style-type: none"> Statistical impact on business ideas implementation
Machine Learning (ML) - 1	<ul style="list-style-type: none"> Fundamental terminologies in Data Science domain
Feature Engineering	<ul style="list-style-type: none"> Statistical impact on business ideas implementation
Exploratory Data Analysis (EDA)	<ul style="list-style-type: none"> Using statistics to explore data and find insights
ML Algorithms	<ul style="list-style-type: none"> Regression Models Support Vector Machines (SVM) Clustering Algorithms Decision Trees & Ensemble Techniques Bagging & Boosting Techniques
Deep Learning	<ul style="list-style-type: none"> ANN (Artificial Neural Networks) Using TensorFlow & PyTorch CNN (Convolutional Neural Networks) Building and using CNN models
Natural Language Processing (NLP)	<ul style="list-style-type: none"> Text data preparation for NLP Basics of RNN & advanced NLP models
Generative AI	<ul style="list-style-type: none"> AI tools & techniques for data analysis & synthesis Technologies: Hugging Face, LLMs, BERT, GPT Image Generation
Projects	<ul style="list-style-type: none"> Build ML models and deploy on the cloud Applications: Spam Detection, Climate Visibility Build a Chatbot using Langchain & Chainlit Face Detection Project Mini Project in TensorFlow

Projects You'll Build

Gain real-world experience by building a job-ready portfolio with hands-on projects.



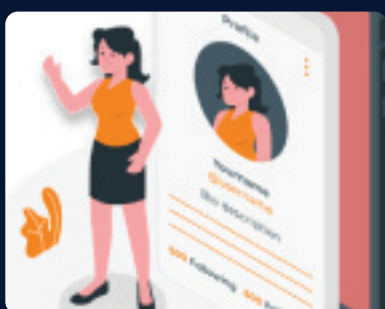
**GenAI
Alexa-like Assistant**



**Custom Chatbot with
LangChain**



**Prompt-Based Image
& Caption Generator**



**Named Entity
Recognition**



**Spam Detection,
Climate Analysis,
Face Detection**

Meet Your Mentors



Jobandeep Singh
Software Engineer
Amazon

[LinkedIn](#) →



Sourabh Moharikar
HOD
Analytics, PW

[LinkedIn](#) →



Ajay Kumar Gupta
Ex-Novartis




[LinkedIn](#) →



Ekta Negi
Ex-Deloitte
IBM

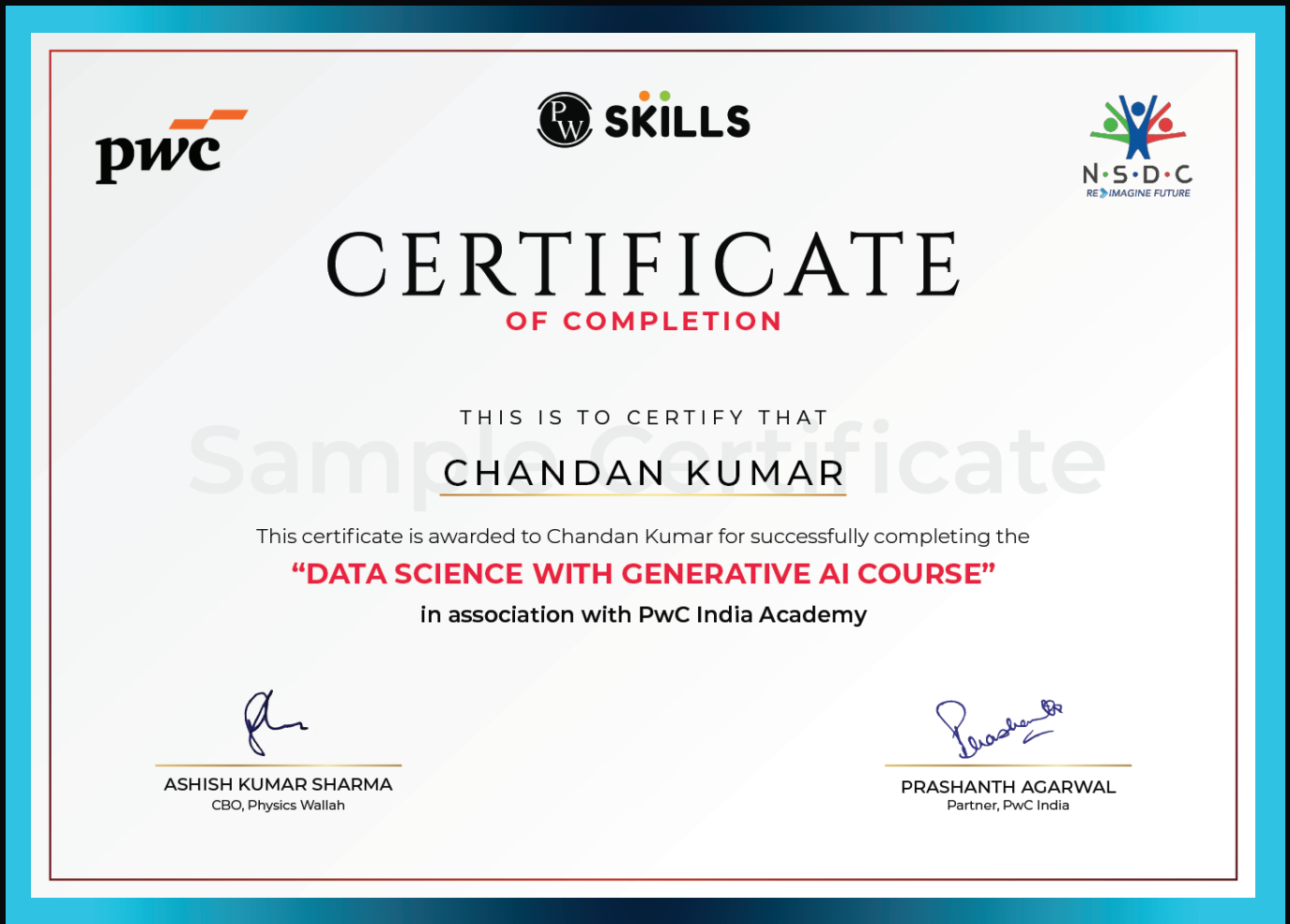
[LinkedIn](#) →

Find the Right Plan for You

Feature	Basic	Premium	Pro
Delivery	Pre-Recorded	Pre-Recorded + Live	Pre-Recorded + Live
Duration	6 Months	6 Months	6+ Months
Live Sessions	Weekly Doubt Session	2 Live + 2 Revision	2 Live + 2 Revision
Daily Doubts			
1:1 Support			
Certification	PW Skills	PW Skills + PwC	PW Skills + PwC
Projects	Included	2 PwC Case Studies	2 PwC Case Studies
Assignments	Quizzes	Video + Written	Video + Written
Resume & Interview Training			
Mentor Webinars			
Support Channels	Email, Dashboard, Community	All	All
Certification Criteria	70% video + Quiz	Internship	Internship + Assignments

Certification

Showcase your skills with industry-recognized credentials that boost your portfolio and hiring potential.



Completion Criteria	Types of Certificates
<ul style="list-style-type: none"> Attend 70%+ Sessions Score 70%+ in Quizzes/Assignments Submit Capstone + Internship (for Premium & Pro) 	<ul style="list-style-type: none"> Basic – PW Skills Premium & Pro – PW Skills + PwC

Founder Quotes

“

At PhysicsWallah, we aim to provide accessible, comprehensive, and innovative learning experiences to aspirants, regardless of their background.

”



Mr. Alakh Pandey
(Founder- Physics Wallah)

Mr. Prateek Maheshwari
(Co-Founder- Physics Wallah)

CONTACT US AND ENROLL NOW

Have questions or ready to begin your journey?

SCAN & EXPLORE



TAKE THE NEXT STEP

Speak to a Mentor

Your career in full stack development starts here.

Email - support@pwskills.com | Phone - +91 7349432553
Website - www.pwskills.com