



Orientation for Data Science with Generative AI Course



Agenda

1

Program Structure &
Syllabus

2

Meet your Mentors

3

Explore Batch

4

Batch Details &
Offerings

5

Learning Experience

6

Class Schedule &
timelines

7

Details to get in touch
with us

8

Q & A

Tech You Will Master



1. Python
2. Statistics
3. Machine Learning
4. Deep Learning
5. NLP
6. Generative AI

Know Your Mentor



Vishwa Mohan

- CIO - Physics Wallah
- 14+ Years of industry experience
- Ex - LinkedIn, Amazon, Paypal
- Trained 1 Lakhs + Learners



Ekta Negi

- Senior Data Scientist at Deloitte
- Worked in - IBM Capgemini
- 5+ Years of industry experience
- 3+ Years of teaching experience



Ajay Kumar Gupta

- Senior Data Scientist at Synopsis
- Worked at Synopsis & Novartis
- 5+ years of experience
- Trained over 10000+ Learners



Dr. Ayan Debnath

- BOSCH
- 3+ years of Work experience
- 2+ years of Teaching experience



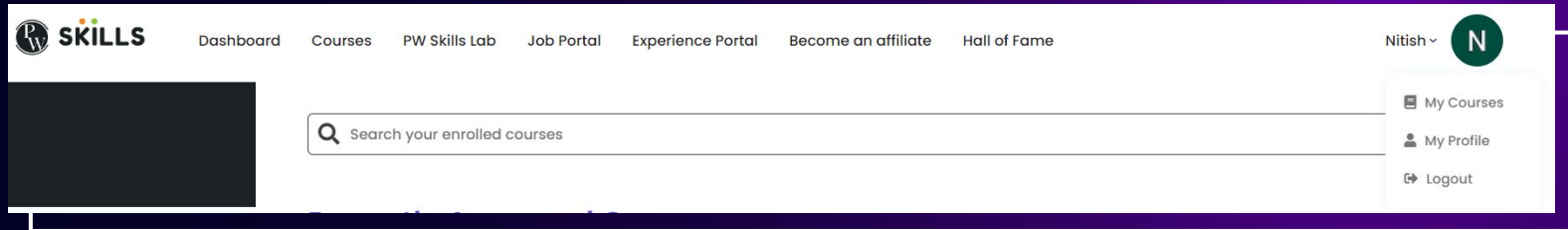
Darshan Ingle

- 14+ Years of teaching experience in almost all edtech
- Specialised in Generative AI

Explore Batch



Data Science with Generative AI Course



Important Batch Details



Job Assistance

Program

30 Jan 2024

Starts On

6 Months

Duration

200+

Hours Of learning

7+

Industry Relevant Projects

Blended

Delivery Mode



Roles After Completion

Data Scientist, AI Engineer, AI Specialist



Learning Mode

Blended (Recorded + Live)



Skills You Will Gain

Python, Machine Learning, Nlp, AI



Minimum Eligibility

12th Pass

Course Offerings

Course Offerings



Industry relevant projects



Skill Elevation: Practice exercises



Doubt Clearing Session



PW Lab for your code practice



Career - Centric Curriculum



Certificate upon completion



Dashboard Q&A Forum



Assignment Evaluation & Solution



Industry Experts Led Live Sessions



3+ Career guidance Session



Community Channel Advantage



Email Support

Master These Technology

Master these Technologies



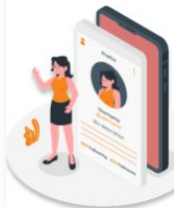
Build These Projects From Scratch

Build Projects from Scratch



GeneAi - An Alexa like assistant

A customized alexa like assistant with chat and voice command compatibilities. Useful for day-to-day tasks like web searching, knowledge extraction from documents or music recommendation



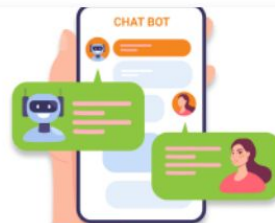
Name Entity Recognisiton

Utilizing Transformer models, our NER project accurately identifies and extracts named entities from text, enhancing information retrieval and analysis with stat...



On prompt Image and Caption generator

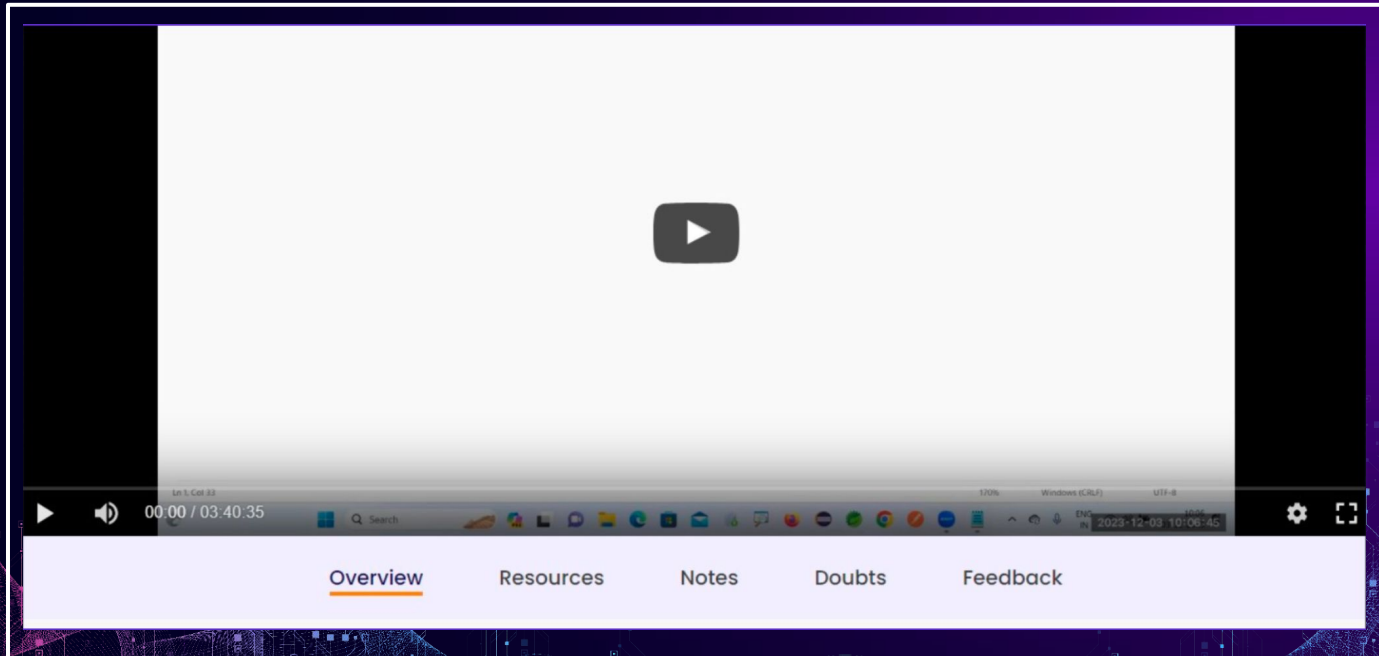
Aiming at image generation and caption generation, this project helps the user to generate contents or topics and thumbnails with ease.



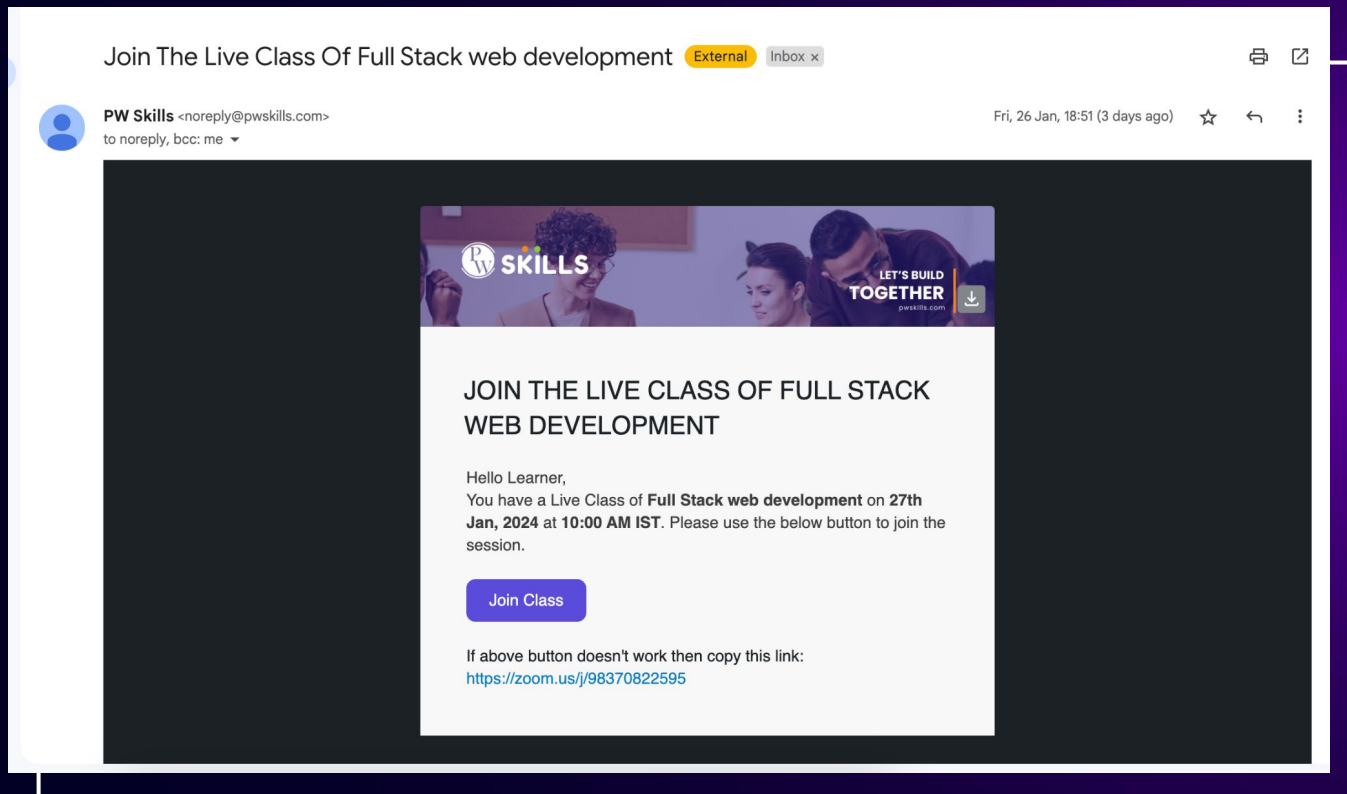
Customised Chat bot

A customised chatbot with langchain and Chainlit to generate a Question Answering system or RAG system that extracts information from various sources of documents or simple web searching.

Related Lecture, Notes, Assignments & Their solutions will be given in their respective subject classes



All the Announcements will be provided in the 'Via Email' By PW team



Assignments with their **solutions** along with **MCQ's** will be provided in each module

Assignment Questions



NOTE:

1. Please go through the questions properly before attempting to solve them through code or theory.
2. Wherever you find take input means that you should create a variable and assign values by yourself.
3. You need not submit assignments anywhere, you will be getting the solutions soon for validating your answers.

Good luck, and Happy Learning!

1. Create an arrow function called square that takes a number as an argument and returns its square. Use the arrow function to calculate the square of a given number and display the result.

2. The following is an array of 10 students ages:

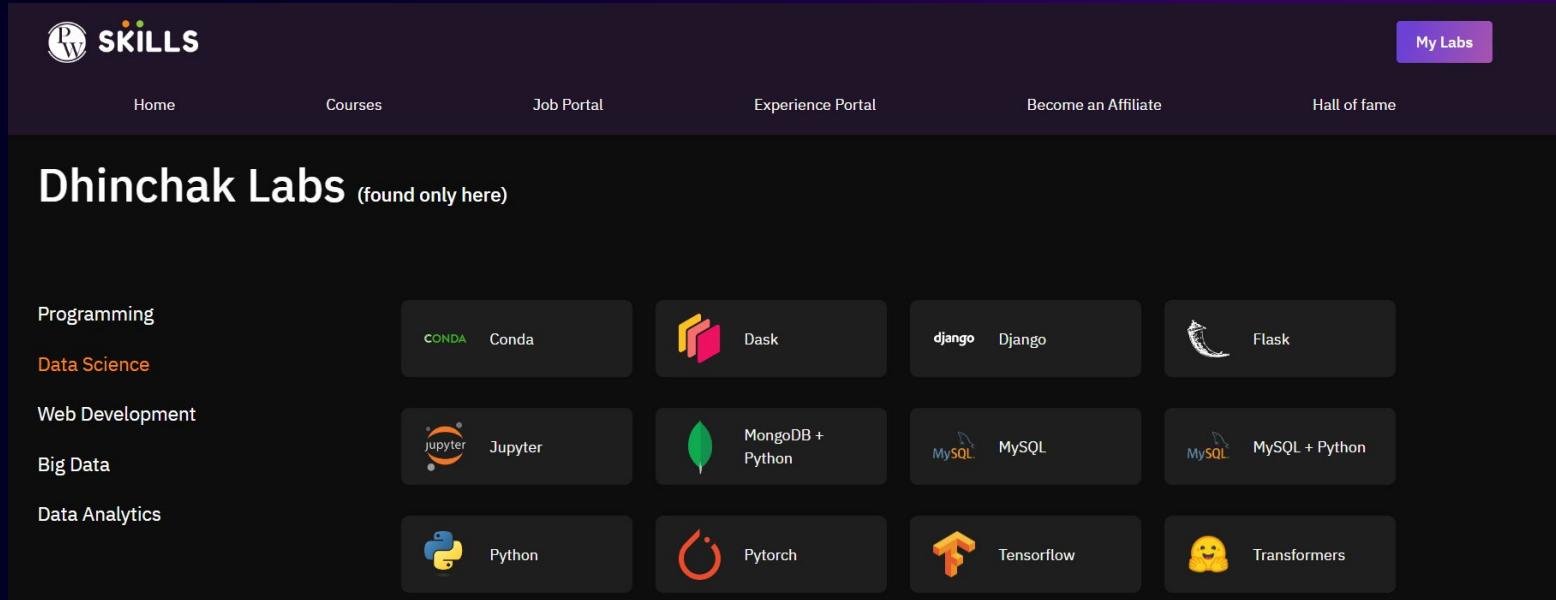
```
=> const ages = [19, 22, 19, 24, 20, 25, 26, 24, 25, 24]
```

- Sort the array and find the min and max age.
- Find the median age(one middle item or two middle items divided by two)
- Find the average age(all items divided by number of items)
- Find the range of the ages(max minus min)
- Compare the value of (min - average) and (max - average), use abs() method

3. Create a Map to store contact information (name, age, email, location) and implement a function to retrieve contact details by name.

4. Create two objects person1 and person2 with properties name and age. Create a function "introduce" that prints "Hello, I'm [name], and I'm [age] years old." Use the call method to make person2 introduce itself using the introduce function.

“**PW Labs**” feature is also provided for interactive learning and code practice



The screenshot displays the PW Skills website interface. At the top, the PW Skills logo is on the left, and a 'My Labs' button is on the right. Below the logo, a navigation bar contains links for Home, Courses, Job Portal, Experience Portal, Become an Affiliate, and Hall of fame. The main content area is titled 'Dhinchak Labs (found only here)'. On the left side of this area, there is a vertical list of categories: Programming, Data Science, Web Development, Big Data, and Data Analytics. The 'Data Science' category is highlighted in orange. To the right of these categories is a grid of 12 interactive lab cards, each featuring a technology logo and its name. The cards are arranged in three rows of four. The first row includes Conda, Dask, Django, and Flask. The second row includes Jupyter, MongoDB + Python, MySQL, and MySQL + Python. The third row includes Python, Pytorch, Tensorflow, and Transformers.

PW SKILLS My Labs

Home Courses Job Portal Experience Portal Become an Affiliate Hall of fame

Dhinchak Labs (found only here)













Programming

Data Science

Web Development

Big Data

Data Analytics

 Conda	 Dask	 Django	 Flask
 Jupyter	 MongoDB + Python	 MySQL	 MySQL + Python
 Python	 Pytorch	 Tensorflow	 Transformers

Rate Us

Please watch the lectures and provide us with your Feedback and Suggestions

Feedback

OPEN FEEDBACK

★ ★ ★ ★ ★

Mentor

★ ★ ★ ★ ★

Class Experience

Saurabh: amzing

Date : 26/11/2023

Reply here

Have a Question?



Telegram

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Email

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Website

www.pwskills.com



THANK YOU