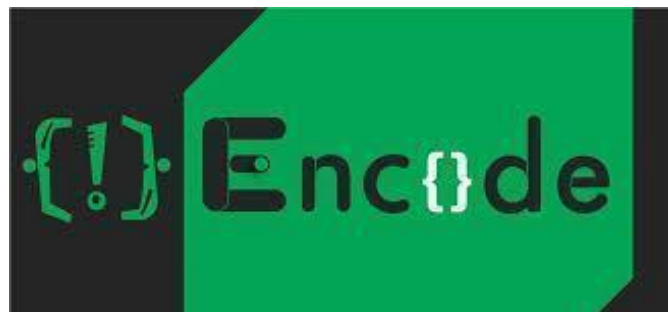




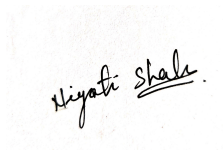
PDPUP
PANDIT
DEENDAYAL
PETROLEUM
UNIVERSITY



Artificial Intelligence & Machine Learning Workshop Encode



Verified By:



Dr. Niyati Shah,

Associate Dean, Students' Affairs | PDEU

Table of Contents

Acknowledgements	2
Introduction of the Club	2
Event Details	3
Event Description	3
Event Registration Details	5
Event Budget	6
Problems Faced and Feedback	7
Problems Faced	7
Feedback	7
Image Gallery	8
Concluding Remarks	9

Workshop on AI ML

Club Name – Encode

Event Date – 17th - 18th April 2021

Event Time – 11:00 A.M. -1:00 P.M.

Acknowledgements

Presentation inspiration and motivation has always played a key role in the success of any venture. We would like to thank Dr. Payal Chaudhari(faculty advisor of the club) and the entire team members and special thanks to Jay Gohil for sharing some valuable insights to the participants. And thanks to the participants for making this event a success.

Introduction of the Club

Encode, the computer science club of Pandit Deendayal Petroleum University is focused to make people feel the beauty of programming. The goals this year are not only to make students aware of different programming languages and coding but also with the necessity and its application in the real world. The club's main objective is to support programming as an initiative to empower logical skills as well as object-oriented skills.

Event Details

Event Description

Encode has conducted a workshop on Artificial Intelligence And Machine Learning. It was conducted by Jay Gohil. The objective of the event is to help students to gain some insights on the latest subjects of study in Computer Science. Artificial Intelligence and Machine Learning have become the centerpiece of strategic decision making for organizations. They are disrupting the way industries and roles function - from sales and marketing to finance and HR, companies are betting big on AI and ML to give them a competitive edge. Topics covered during the 2-day workshop were given below:

- Introduction and Applications
- Types of Machine Learning
- Minor ML Project using Python
- Processes of ML
- Performance Metrics
- Different Algorithms of ML

This introduction-level hands-on course explores the field of artificial intelligence (AI), programming, logic, search, machine learning (ML), understanding. You'll learn current AI and ML methods, tools, techniques, and their application to computational problems.

In this workshop, we'll cut through the math and you'll learn exactly how machine learning algorithms work. We'll focus on the algorithms used to create machine learning models. Using clear explanations, simple Python code (no libraries), and step-by-step labs, you'll discover how to load and prepare data, evaluate your models, and implement a suite of linear and nonlinear algorithms along with assembling algorithms from scratch. You'll also learn about algorithm applicability along with their limitations and practical use cases.

This workshop presents a wide variety of related technologies, concepts, and skills in a fast-paced, hands-on format. This provides you with a solid

foundation for understanding and getting a jumpstart into working with artificial intelligence and machine learning.

Participants who were not having any prior programming experience have been taught everything from the ground level and they have gained very much knowledge through the workshop.

Event Registration Details

There were 209 registrations for this event. All the registrations were from PDPU students.

There was no registration fee.

Event Budget

Sr. No.	Expense Description	Quantity	Rate (in Rs.)	Amount
1.	-	-	-	-

Problems Faced and Feedback

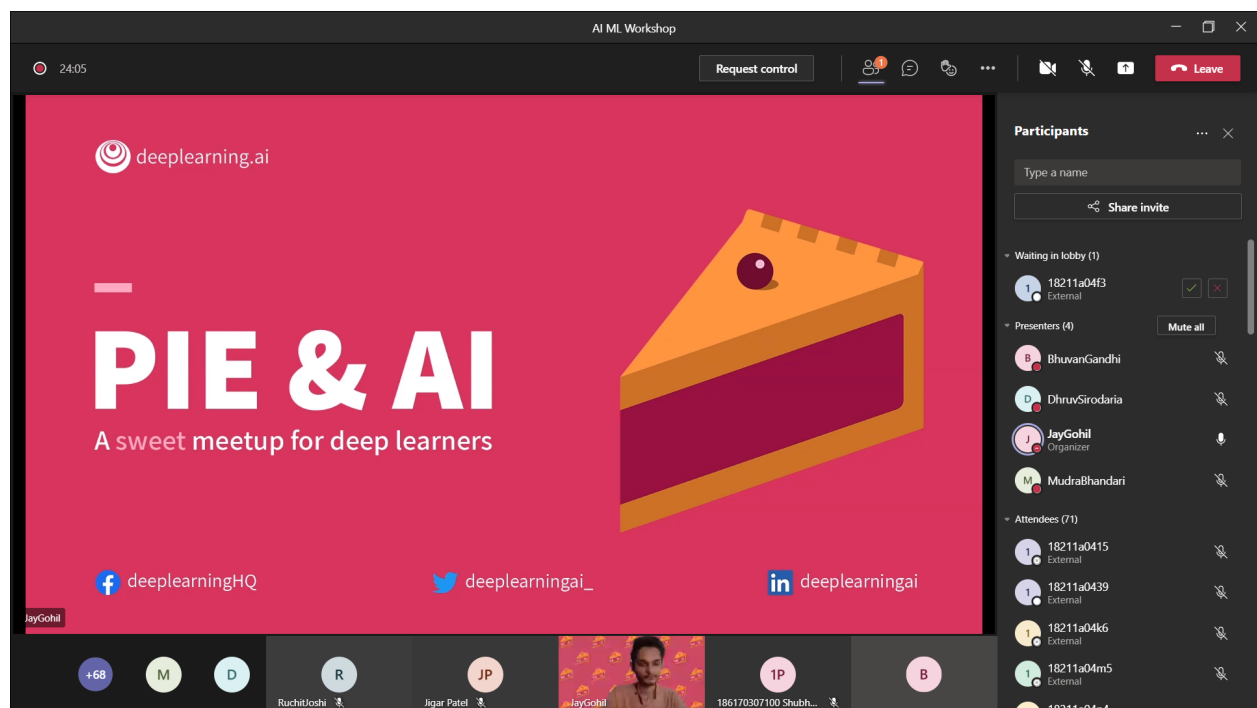
Problems Faced

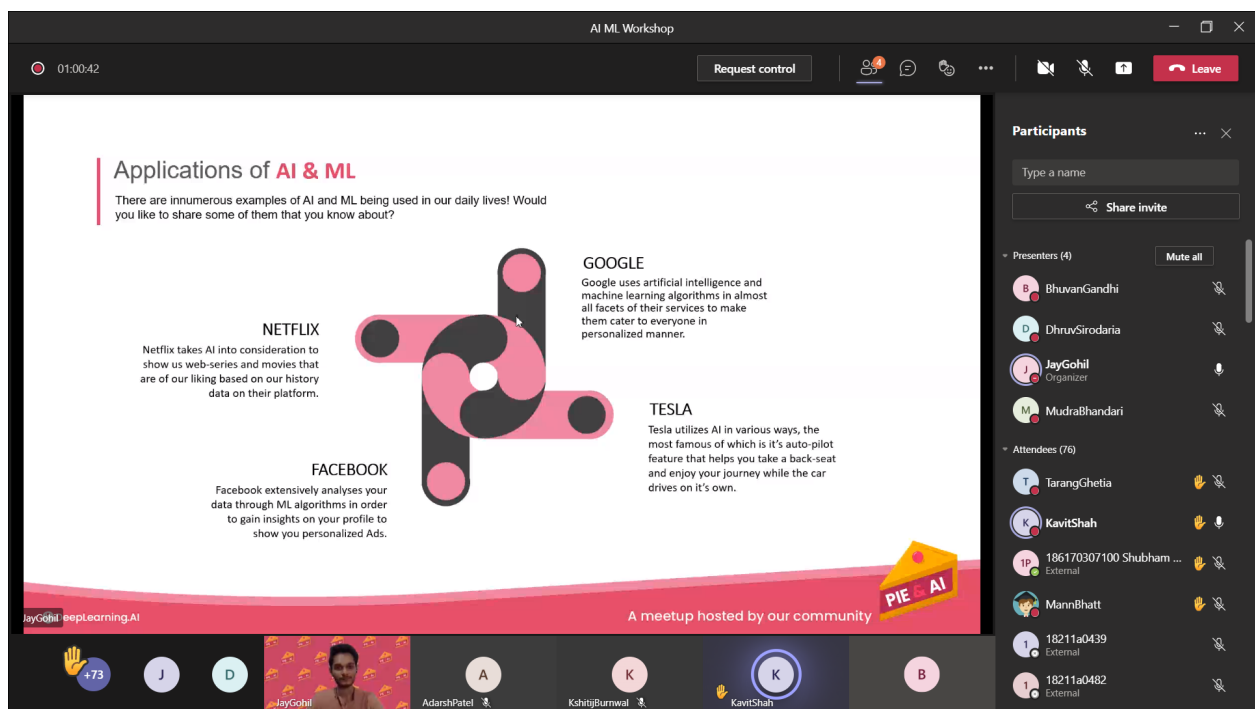
Due to the event being conducted on the online mode, we ran into a few minor issues with the internet connectivity but other than there were no disruptions to the expected flow of the event.

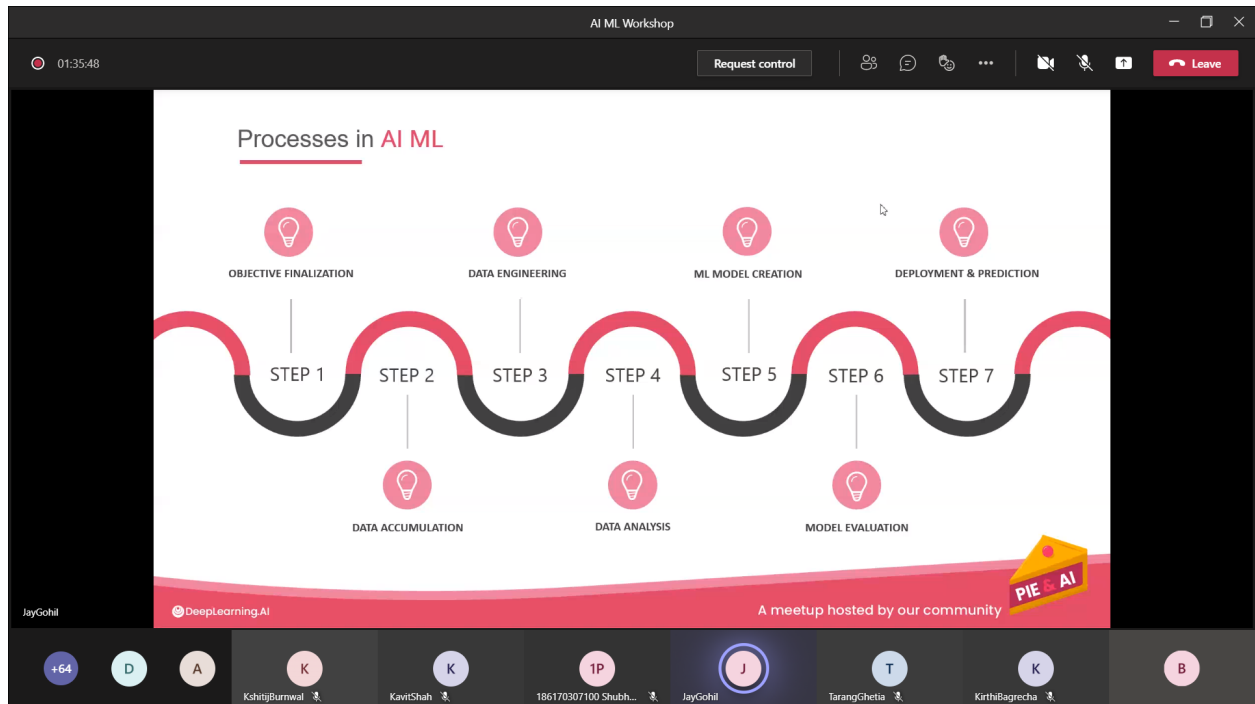
Feedback

The content of the workshop was relevant and well presented. All the participants found the workshop very informative and they got hands on practice too during the event. So, in overall those were informative and valuable 2 days.

Image Gallery







Concluding Remarks

Thanks to the Participants without which this event would not be possible. The event had a two-way communication between the presenters and the participants and the discussion between the participants and the other team members who have helped the participants in resolving their queries, which made the workshop informative and magnificent.

Sr. No.	First Name	Last Name	Company/ University name:	Type of Activity
1	Ashish	Bhavanani	Mastercard	Workshop
2	Mert	Bockar	Burns Technical University	Workshop
3	Amish	Modak	Freelancer	Workshop
4	Shaimaa	Mohamed	University	Workshop
5	Artur	Postluszny	MFHU BOHEMA	Workshop
6	Artur	Postluszny	FHU BOHEMA	Workshop
7	Olen	Shofiti	Halmstad	Workshop
8	Alexandre	Praya	Self-employed	Workshop
9	Omur	Kara	Hindsight Technology Solutions	Workshop
10	Nikolaos	Christoforidis	BIOATRIKI Group of Companies	Workshop
11	U Jun	Poh	NII	Workshop
12	Debolina	Mahapatra	NIT Patna	Workshop
13	Menem	Allouchew	Ecole Nationale d'Electronique et d'Informatique	Workshop
14	Shard Kumar	Gupta	Punjab Remote Sensing Centre, Ludhiana	Workshop
15	Shard Kumar	Gupta	Punjab Remote Sensing Centre, Ludhiana	Workshop
16	Garima	Bansal	NA	Workshop
17	Kashif	nasir	bahria uni	Workshop
18	Sylwester	Kobus	Student	Workshop
19	arbi	a	Student	Workshop
20	Jay	Gohil	Pandit Deendayal Petroleum University	Workshop
21	Dhruv	Sirodaria	PDEU	Workshop
22	Julian	Del Fiore	None	Workshop
23	Angelina	Ian	FW	Workshop
24	Anitha	S P	HITS	Workshop
25	Raffaele	Tornibile	Me	Workshop
26	Jashwanth	Peguda	GRIET	Workshop
27	Artur	Postluszny	FHU BOHEMA	Workshop
28	Luce	Purpa	Parma	Workshop
29	Pat	R	L	Workshop
30	Shobhit	Varma	DCIL technologies	Workshop
31	Abdelkader	Bensissat	Hassania School of Public Works	Workshop
32	Abdelkader	Bensissat	Hassania School of Public Works	Workshop
33	Shalish	Vekariya	-	Workshop
34	Vishwas	DARJI	Pdpu	Workshop
35	Aditya	Bhatt	PDEU	Workshop
36	Olivia	Chittora	Pandit Deendayal Petroleum University	Workshop
37	Mit	Patel	PDEU	Workshop
38	Shrey	Shah	PDEU	Workshop
39	Kedar	Desai	PDEU	Workshop
40	Akhil	Jethwa	PDEU student	Workshop
41	Arpit	Patel	Pdpu	Workshop
42	Prayansh	Mahawya	Student	Workshop
43	Vyom	Shah	Student	Workshop
44	Maitri	Surti	Student	Workshop
45	Yash	Patel	PDEU	Workshop
46	Rushil	Vegda	Student	Workshop
47	Vinay	Gangwkar	None	Workshop
48	Rudrat	Joshi	PDEU	Workshop
49	Jai	Lohana	PDEU	Workshop
50	Ahmed	Mulla	-	Workshop
51	Deep	Kotadia	None	Workshop
52	Khushi	Agarwal	PDEU	Workshop
53	Rajans	Bhagat	njans.bhagat003@gmail.com	Workshop
54	Sarthak	Kapaliya	PDEU SOT	Workshop
55	Soumya	Shah	Pdpu	Workshop
56	Khushi	Shah	PDEU	Workshop
57	Shubh	Purohit	-	Workshop
58	Dipam	Dhami	PDEU	Workshop
59	Aryan	Patel	PDEU	Workshop
60	Utsav	Mehra	PDEU college student	Workshop
61	Jainam	Vora	Pandit Deendayal Energy University	Workshop
62	Shree	SCHANNI	University	Workshop
63	Kanit	Pandya	None	Workshop
64	Adarsh	Modi	PDEU	Workshop
65	Bharg	Barot	SOT, Pandit Deendayal Energy University	Workshop
66	Ramit	Pillai	SOT, Pandit Deendayal Energy University	Workshop
67	Anshul	Agarwal	PDEU	Workshop
68	Ujjwal	Parmar	PDEU	Workshop
69	Vipul	Choudhary	PDEU	Workshop
70	Achyut	Acharya	Pdpu	Workshop
71	Harsh	Varmora	HarshVarmora	Workshop
72	Rajen	Agarwal	PDEU	Workshop
73	Sahil	Sanghvi	Pandit Deendayal Energy University	Workshop
74	Umamaheswar	Putrova	Silverline technosolutions	Workshop
75	Dhruvanish	Prajapati	PDEU	Workshop
76	Namya	Vyas	Pandit Deendayal Energy University	Workshop
77	Adarsh	Patel	PDEU	Workshop
78	Pritesh	Patel	PDEU	Workshop
79	Shubh	Patel	Pdpu	Workshop
80	Shalish	Vekariya	-	Workshop
81	Smriti	Sakariya	PDEU	Workshop
82	Yash	Joshi	PDEU	Workshop
83	ABANOB	BHANU	abanobbhanu87@gmail.com	Workshop
84	Jay	Sanghavi	Pandit Deendayal Energy University	Workshop
85	Rushabh	Thakkar	Pdpu	Workshop
86	Vrajesh	Brahmbhatt	-	Workshop
87	Harsh	Rathi	NA	Workshop
88	Mahesh	Ravindran	Personal Interest	Workshop
89	Vruchank	Arwal	PDEU college	Workshop
90	Sahil	Panchasara	PDEU	Workshop
91	Pratik	Subhanshu	-	Workshop
92	Vaishvi	Shah	PDEU	Workshop
93	Krishna	Patel	PDEU	Workshop
94	Dev	Talwar	Currently student	Workshop
95	Jigar	Patel	BVRIT, Narsapur	Workshop
96	Naveen Singh	Arora	University Of Hamburg	Workshop
97	Juraj	Parikh	PDEU	Workshop