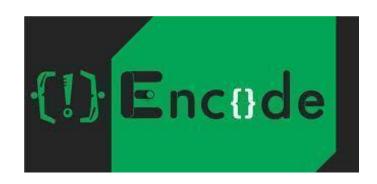






Artificial Intelligence & Machine Learning Workshop Encode



Verified By:



Dr. Niyati Shah,

Associate Dean, Students' Affairs | PDEU

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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 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

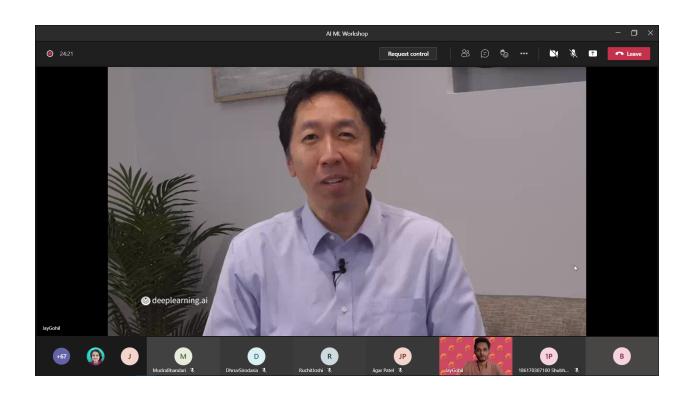
Due to the event being conducted on the online mode, we ran into a few minor issues with the internet connectivity but other than there were no disruptions to the expected flow of the event.

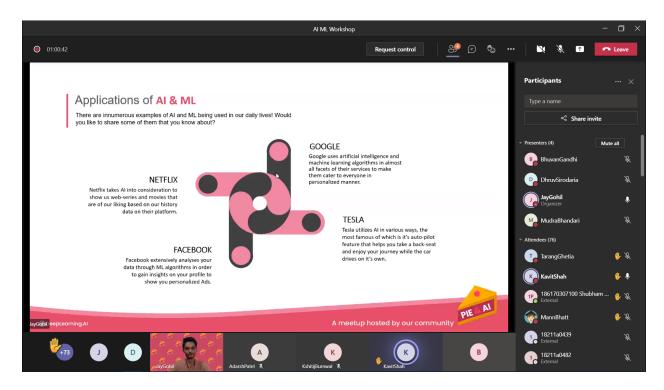
Feedback

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 1	Ashish	Bhavnani	Mastercard	Workshop
2	Mert	Bozkir	Bursa Technical University	Workshop
3	Armab	Modak	Treelancer	Workshop
4	Shaimea	Mohamed	University	Workshop
5	Artur	Posluszny	thFHU BOHEMA	Workshop
- 6	Artur	Postuszny	FHU BOHEMA	Workshop
7 X	Olen Alankota	Shofiti	Halmstad	Workshop
9	Onur	Priya Kara	Self employed Hindsight Technology Solutions	Workshop Workshop
10	Nikolaos	Christoforidis	BIOIATRIKI Group of Companies	Workshop
11	Li Jun	Poh	NII	Workshop
12	Debolina	Mahapatra	NIT Patna	Workshop
13	Mariem	Allouthe	Lode Nationale d'electronique et télécommunicate	Workshop
14	Sharad Kumer	Gupta	Punjab Remote Sensing Centre, Ludhiana	Workshop
15	Sharad Kumar	Gupta	Punjab Remote Sensing Centre, Ludhiana	Workshop
16	Garlma	Bansal	NA	Workshop
17	kashif	nawaz	bahria uni	Workshop
18	Sylvester	Kebiru	Student	Workshop
19	aarti	à	Student	Workshop
20	Jay	Gohil	Pandit Deendayal Petroleum University	Workshop
21	Dhruv	Sirodaria	PDPU	Workshop
22	Jultán	Del Fiore	None	Workshop
24	Angeline Anitha	S P	HITS	Workshop Workshop
25	Raffacie	Terribile	Me	Workshop
26	Jashwanth	Peguda	GRIET	Workshop
27	Artur	Poslusony	FHU BOHEMA	Workshop
28	Luca	Purga	Panerai	Workshop
29	Pat	R	L	Workshop
30	Shobhit	Verma	Dell technologies	Workshop
31	Abdelkader	Benalssat	Hassania School of Public Works	Workshop
32	Abdelkader	Benaissat	Hassania School of Public Works	Workshop
33	Shailesh	Vekaroya	-	Workshop
34	Vishwas	DARJI	Pdpu	Workshop
33	Aditya	Bhatt	PDEU	Workshop
36	Diksha	Chittora	Pandit Deendayal Petroleum University	Workshop
37	Mit Shrey	Shah	PDEU PDEU	Workshop
35	Kedar	Desai	PDEU	Workshop Workshop
40	Akhii	Jethwa	PDEU student	Workshop
41	Arpit	Patel	Pdou	Workshop
42	Priyanshy	Malayiya	Student	Workshop
43	Vyom	Shah	Student	Workshop
44	Maitri	Surti	Student	Workshop
45	Yash	Patel	PDEU	Workshop
46	Rushil	Vegada	Student	Workshop
47	Vainavi	Gangvekar	None	Workshop
48	Ruchit	toshi	PDEU	Workshop
49	Jai	Lohana	PDPU	Workshop
50	Ahmed	Mulla	-	Workshop
51	Deep	Kotadia	None	Workshop
52	Khushi	Agrawal	rijans.bhagat003@gmail.com	Workshop
54	Rijans Sarthak	Bhagat Kapaliya	PDEU SOT	Workshop Workshop
55	Saumya	Shah	Pdeu	Workshop
56	Khush	Shah	PDPU	Workshop
57	Shubh	Porwal	-	Workshop
58	Dipam	Dhami	PDEU	Workshop
59	Aryan	Patel	PDEU	Workshop
60	Utsav	Mehta	PDPU-college student	Workshop
61	Jainam	Vora	Pandit Deendayal Energy University	Workshop
67	Shree	SOLANKI	University	Workshop
63	Kaxit	Pandya	None	Workshop
64	Aavart	Modi	PDPU	Workshop
65	Bharg	Barot	SOT, Pandit Deendayal Energy University	Workshop
65	Ramit	Pillai	SOT, Pandit Deendayal Energy University	Workshop
67	Anshul	Agerwal	PICTU	Workshop
68	Ujjaval	Parmar	PDEU PDEU	Workshop Workshop
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