

REPORT

PRAGATIENGINEERINGCOLLEGE

(ApprovedbyAICTE, PermanentlyAffiliatedtoJNTUK, KAKINADA&AccreditedbyNBA)

1-378, A.D.B.Road, Surampalem, NearPeddapuram-533437



“AI PROJECTS”

Date: 13-08-2024.

Day: Tuesday.

Turing Club organised by the Dept. of CSE – AI&ML of Pragati Engineering College in association with Career Guidance Cell is organizing a seminar on "AI PROJECTS" as part of Industry 4.0.

REGISTRATION MADE BY STUDENTS:

S.NO	ROLL NUMBER	NAME	YEAR
1.	22A31A4204	CHINTA SUSHMA	III YEAR
2.	22A31A4205	LOKASRINITHYA	III YEAR
3.	22A31A4207	MEDISETTICHANDRIKA	III YEAR
4.	22A31A4208	MUTHINTISIRI	III YEAR
5.	22A31A4209	NADIMPALLIKUSUMAAISHWARYA	III YEAR
6.	22A31A4210	NADIMPALLYSRIVAISHNAVI	III YEAR
7.	22A31A4211	NIDADAVOLU SATHVIKA	III YEAR
8.	22A31A4212	NIMMAKAYALALAKSHMIPRASANNADURGA ANJANI	III YEAR
9.	22A31A4217	SWATHISRIBOLLAMREDDY	III YEAR
10.	22A31A4221	UPPULURISOWMYASRI	III YEAR
11.	22A31A4222	VASAMSETTIINDHUPRIYA	III YEAR
12.	22A31A4223	YALLAMOUNISRI	III YEAR
13.	22A31A4224	YEPURI ANUSHA	III YEAR
14.	22A31A4225	ALAJANGI SHANMUKHAAJAY	III YEAR
15.	22A31A4226	BANDARUBSVEERASAIGANESH	III YEAR
16.	22A31A4230	CHENNOJUSREEKANTH	III YEAR
17.	22A31A4231	CHETTIJAYAVEER	III YEAR
18.	22A31A4234	GOLAMARIVIVEKANANDAREDDY	III YEAR
19.	22A31A4235	GOPAVAJJULASUJITHKARTHIKEYA	III YEAR
20.	22A31A4239	KALDHARIRAHUL	III YEAR
21.	22A31A4240	KAMIDILIVINGSTANJOSEPH	III YEAR
22.	22A31A4242	KARRIUMASANKARHERAMBANAGASRINIVA SA RAJU	III YEAR
23.	22A31A4245	MADABATHULASAIRAGHAADITYA	III YEAR
24.	22A31A4246	MARRENARENDARKARTHIKEYA	III YEAR

25.	22A31A4247	MEDIDINAGENDRA	III YEAR
26.	22A31A4249	NAKKINACHANDRA MOULI	III YEAR
27.	22A31A4251	NEKKALAACHIBABU	III YEAR
28.	22A31A4258	THAMARAPALLI MAHESH	III YEAR
29.	22A31A4259	THURAKAKRANTHI KEERTHAN	III YEAR
30.	22A31A4264	ARANGISRIVALLESWARI	III YEAR
31.	22A31A4266	BADUGUAKSHAYA	III YEAR
32.	22A31A4267	BAYYAVARAPUSRIRAMYA	III YEAR
33.	22A31A4270	MOKSHAGNAGADUPUDI	III YEAR
34.	22A31A4273	GARIKANAPRASHANTISHIVASAIPRIYA	III YEAR
35.	22A31A4274	GUTTULACHINMAYEESAHITEYA	III YEAR
36.	22A31A4275	KAMIREDDILAKSHMIKEERTHISRI	III YEAR
37.	22A31A4278	MAMIDI RESHMA	III YEAR
38.	22A31A4282	PABBINEEDISATYANAGAVAISHNAVIDEVI	III YEAR
39.	22A31A4285	PUSARLA MANASWINI	III YEAR
40.	22A31A4286	SAMIKSHAYADAV	III YEAR
41.	22A31A4287	SATYAVARAPULAKSHMIDHANYASRI	III YEAR
42.	22A31A4288	TANISHAPERLA	III YEAR
43.	22A31A4289	VADREVVU LAKSHMIKAMESWARI	III YEAR
44.	22A31A4291	VANAPARTHIRENUSRIAMRUTHA	III YEAR
45.	22A31A4297	BHEEMANA VENKATALAKSHMISAINESH	III YEAR
46.	22A31A4298	DODDIPATLADEVISRIVIKAS	III YEAR
47.	22A31A42A1	KESANA VENKATA RAMESH	III YEAR
48.	22A31A42A3	KILLAMSETTIVNAGASAMPATHSURYA MANAS	III YEAR
49.	22A31A42A4	KOKKARLAGADDABHARATHKUMARVARMA	III YEAR
50.	22A31A42A6	KOPPADA PRUDHVIVINAYAK	III YEAR

51.	22A31A42B0	MANCHALA DVVS SWAROOP	III YEAR
52.	22A31A42B1	MANDAPALLIKIRANTEJA	III YEAR
53.	22A31A42B5	MOTIPALLIRAMAKRISHNASUBRAHMANYAM	III YEAR
54.	22A31A42B6	MUDUNURIKARTHIKSURYASAIVARMA	III YEAR
55.	22A31A42B8	NIDIGATLAROOPOCHAND	III YEAR
56.	22A31A42C2	MANOJSWAMYSARELLA	III YEAR
57.	22A31A42C3	SHAIKMOHAMMEDIMRAN	III YEAR
58.	22A31A42C4	SHAIKTOWSIQ	III YEAR
59.	23A35A4201	BOOREDDI CHETHANA	III YEAR
60.	23A35A4202	PALLA RAMYA	III YEAR

ATTENDED STUDENT LIST:



PRAGATI ENGINEERING COLLEGE
(Autonomous)
B.Tech
Computer Science and Engineering
(Artificial Intelligence & Machine Learning)

EVENT NAME: AI projects.

DATE: 13-8-2024

SPEAKER NAMES: Thanoosh . K.

The list of students attended for this event.

S.No	Roll No.	Name of the Student	Year	Signature
1	22A31A423C	G.VARA PRASAD	III	G.V.PRASAD
2	22A31A4234	G.VIVEK REDDY	III	G.Vivek
3	22A31A4251	N.ACHI BABU	III	n.achi babu
4	22A31A42A1	K.V Ramesh	III	K.V.Ramesh
5	22A31A42B1	M. Bhaskeer	III	M.B.Silam
6	22A31A4297	B. Dinesh	III	B. Dinesh
7	22A31A42AG	K.Prudhvi	III	K.Prudhvi
8	22A31A42AY	K. Bharath	III	K. Bharath
9	22A31A42H2	K.Bala Ramesh Krishna	IV	K. Balan
10	22A31A42G4	J.Naveen	III	J.Naveen
11	22A31A42H8	S.J. Abhiram	IV	S. Abhi
12	22A31A4213	P. O. S. Sathvika	IV	P. O. S. Sathvika
13	22A31A4209	N.K. Aishwarya	IV	Aishwarya

M. B. R. Sathvika
Student coordinator

Faculty Coordinator

A. Ramesh Krishna
HoD-CSE(AI&ML)



PRAGATI ENGINEERING COLLEGE
(Autonomous)
B.Tech
Computer Science and Engineering
(Artificial Intelligence & Machine Learning)

The list of students attended for this event.

S.No	Roll No.	Name of the Student	Year	Signature
1	22A31A4206	M. Bhargani	3 rd	
2	22A31A4208	B. Sarika	3 rd	Sarika B.
3	22A31A4218	T. Divya	3 rd	Divya T.
4	22A31A4212	N. Anjani	3 rd	Anjani N
5	22A31A4222	V. Indhu	3 rd	Indhu V
6	22A31A4209	B. Sriharitha	3 rd	B. Sriharitha
7	22A31A4209	V.D.V SaiSree	3 rd	SaiSree
8	22A31A4204	G. Lavanya	3 rd	G. Lavanya
9	22A31A4201	T. Revanth	3 rd	Revanth T
10	22A31A4203	SK. Imran	3 rd	SK Imran
11	22A31A4205	P.Sree Rama Krishna	3 rd	P.Sree Rama Krishna
12	22A31A4207	K.S. Manikanta	3 rd	K. Manikanta
13	22A31A4204	SK. Tourig	3 rd	SK Tourig
14	22A31A4205	B.N.S. Ganga Babu	3 rd	B.N.S. Ganga Babu

M. S. R. Aditya
Student coordinator

Faculty Coordinator

A. Radha Krishna
HoD-CSE(AI&ML)



PRAGATI ENGINEERING COLLEGE
(Autonomous)
B.Tech
Computer Science and Engineering
(Artificial Intelligence & Machine Learning)

The list of students attended for this event.

S.No	Roll No.	Name of the Student	Year	Signature
1.	22A31A428	Saika. B	IV	Saika. B.
2.	22A31A448	T. Divya	IV	Divya
3.	23A35A428	B. chethana	III	B. chethana
4.	22A35A428	T. Hema	IV	T. Hema
5.	22A31A428	M. Reshma	IV	Reshma
6.	22A31A428	P. Vaishnavi	III	P. Vaish
7.	22A31A428	Y. Samiksha	IV	Y. Samiksha
8.	22A31A428	Y. Bhavani	IV	Y. B.
9.	22A31A428	A. Pallavi	IV	A. Pallavi
10.	23A35A428	B. chethana	III	B. chethana
11.	23A35A428	P. Ramya	IV	P. Ramya
12.	22A31A428	A. Pallavi	IV	A. Pallavi
13.	22A31A428	P. Manaswini	III	Manaswini

M. S. P. Aditya
Student coordinator

A. Radha Krishna
Faculty Coordinator

A. Radha Krishna
HoD-CSE(AI&ML)

FEED BACK

S.No	Roll No	Name	ABOUT SPEAKER	ABOUT CONTENT	ANY SUGGESTION
1	22A31A4236	GUTTHURTHI VARAPRASAD	5	5	No
2	22A31A4234	GOLAMARI VIVEKANANDA REDDY	5	5	No
3	22A31A4209	NADIMPALLI KUSUMA AISHWARYA	5	5	No
4	22A31A4213	PEDAPUDI DEDEEPIYA SWARNASATHVIKA	4	4	Good
5	22A31A4282	PABBINEEDI SATYA NAGA VAISHNAVI DEVI	5	5	No
6	22A31A4288	TANISHA PERLA	5	5	No ... Its good
7	22A31A4286	SAMIKSHA YADAV	4	4	No
8	22A31A4291	VANAPARTHI RENU SRI AMRUTHA	4	4	Nothing
9	22A31A4297	BHEEMANA VENKATA LAKSHMI SAI DINESH	5	5	No
10	22A31A42A4	KOKKARLAGADDA BHARATH KUMAR VARMA	5	5	No
11	22A31A42A6	KOPPADA PRUDHVI VINAYAK	5	5	No
12	22A31A42B7	MUTHYALA BHASKARA SAI RAM	4	4	No
13	22A31A42C8	AREPALLI PALLAVI	4	4	No
14	23A35A4201	BOOREDDI CHETHANA	4	4	No
15	23A35A4202	PALLA RAMYA	4	4	None
16	22A31A42G7	KARRI SAI MANIKANTA REDDY	5	5	Nothing
17	22A31A42I1	TELLAKULA REVANTH CHANDRA KUMAR	3	3	Good
18	22A31A42F3	BANDILA NAGA SURI GANGABABU	4	4	Good

FEED BACK ANALYSIS

How satisfied were you with the session content:

Total number of Students: 18

Number Of Students Rating 5: 9

Number Of Students Rating 4: 8

Number Of Students Rating 3: 1

Number Of Students Rating 2: 0

Number Of Students Rating 1: 0

Overall rating: Very Good

Faculty Coordinator

HoD-CSE (AI&ML)

Content Delivered in the Event :

Explain about following projects:

Translator App :

If you are interested in getting started in the field of Natural Language Processing, you should try building a translator app with the help of a transformer.

A transformer model extracts features from sentences and determines the importance of each word in a sentence. A transformer has an encoding and decoding component, both of which are trained end-to-end.

You can build your own AI translator app with a transformer. To do this, you can load a pre-trained transformer model into Python. Then, transform the text you want to translate into tokens and feed it into the pre-trained model.

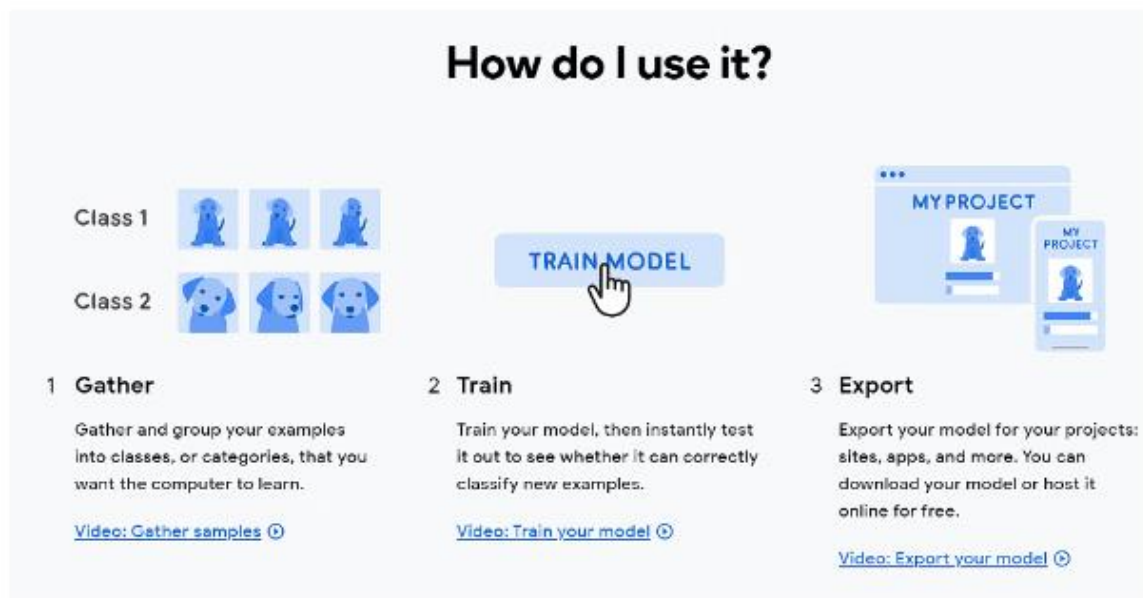
You can use the GluonNLP library for this purpose. You can also load the train and test dataset for this AI project from this library.

Python Package: GluonNLP

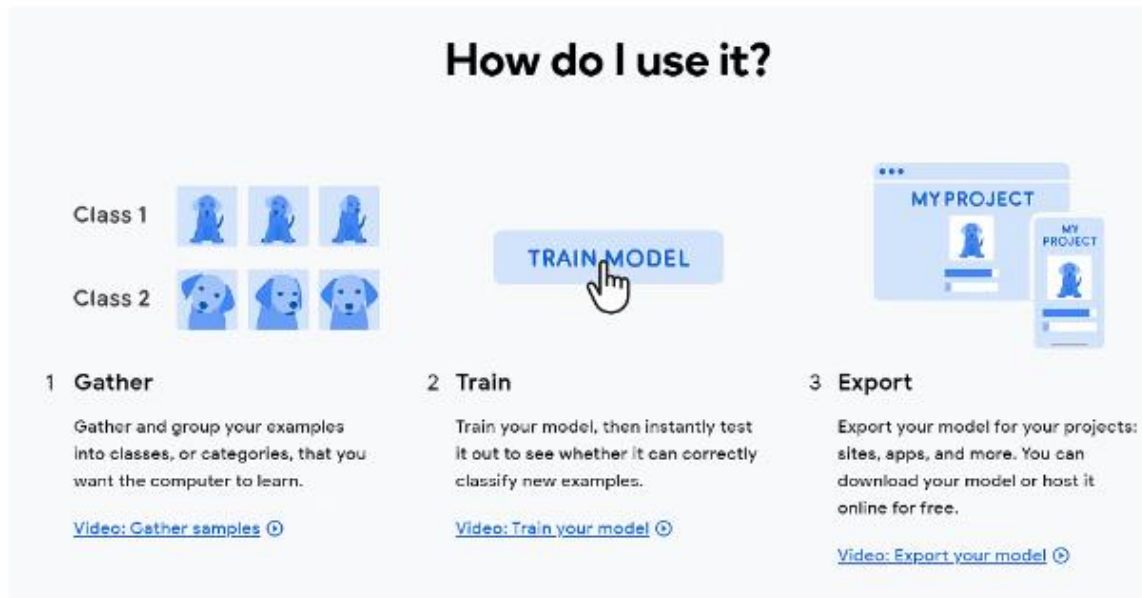
Teachable Machine :

If you are an AI enthusiast, you've probably heard about Google's Teachable Machine. Teachable Machine is a web-based tool that was created to make machine learning accessible to everyone.

If you visit Google's Teachable Machine site, they allow you to upload pictures of different classes and then train a client-side machine learning model on these pictures.



Graphical user interface, application, website Description automatically generated



An example of how Teachable Machine works:

There are two classes of images you need to upload. First, you upload around 100 pictures of yourself and label them as Class 1. Then, you upload another 100 photos of your cat and label it as Class 2.

Then, you click on the “Train Model” button, and a client-side machine learning model will learn to distinguish between pictures of you and your cat.

You can then use this model to make new predictions on images.

Google released Teachable Machine some time back, so people who aren't well versed with AI can visit the site and train their models. It allows non-technical people to get acquainted with machine learning.

You can build your version of Google's Teachable Machine.

The steps you need to take are as follows:

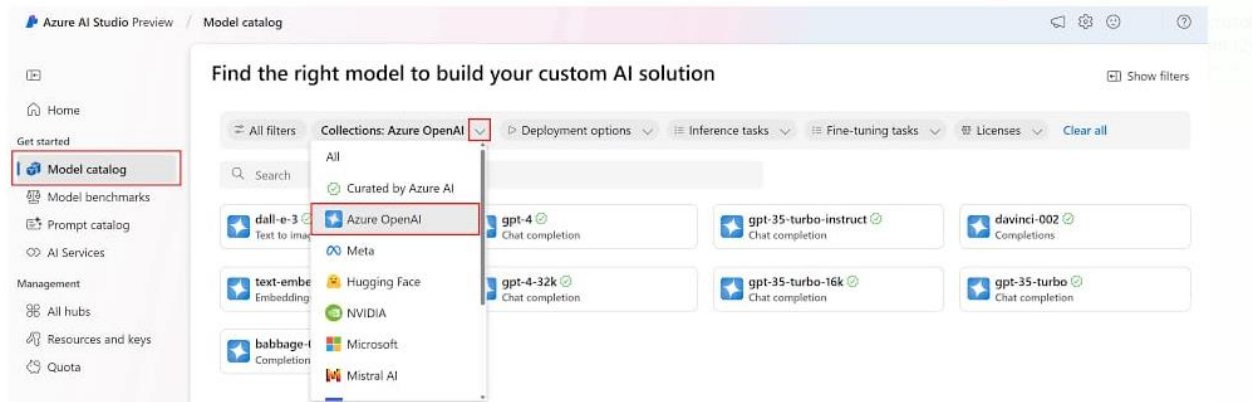
- Create a client-side application that allows users to upload images of multiple classes.
- Collect the images, transform them, and train them on top of a pre-trained model. You can do this on the client-side using a language like JavaScript. Pre-trained machine

learning models can be accessed in JavaScript through languages like ml5.js and tensorflow.js.

- After the model is trained, send a notification on the screen, so the user knows it's done. Then, get the user to upload pictures of each class to make predictions on new images.

Real-time Face Mask Detector

We have all been wearing masks for almost two years due to the Covid-19 outbreak. Many public places, including shopping malls, theatres, and restaurants, refuse to admit anyone who isn't wearing a mask.



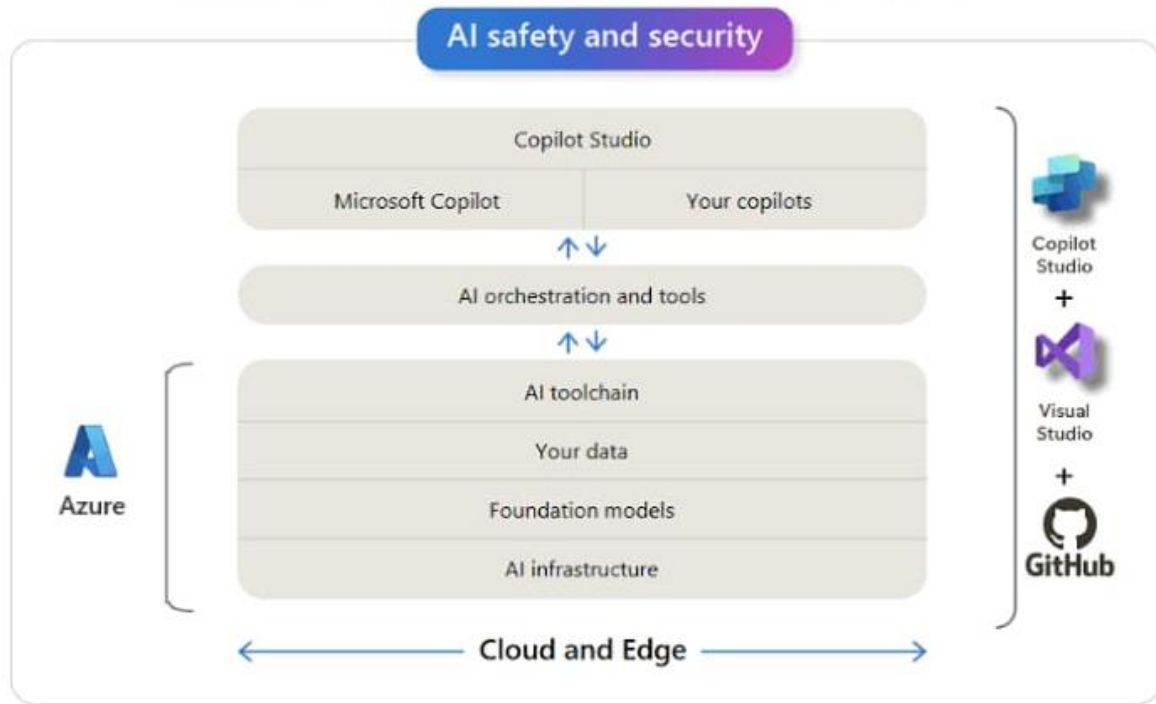


Figure 1. AI safety and security architecture

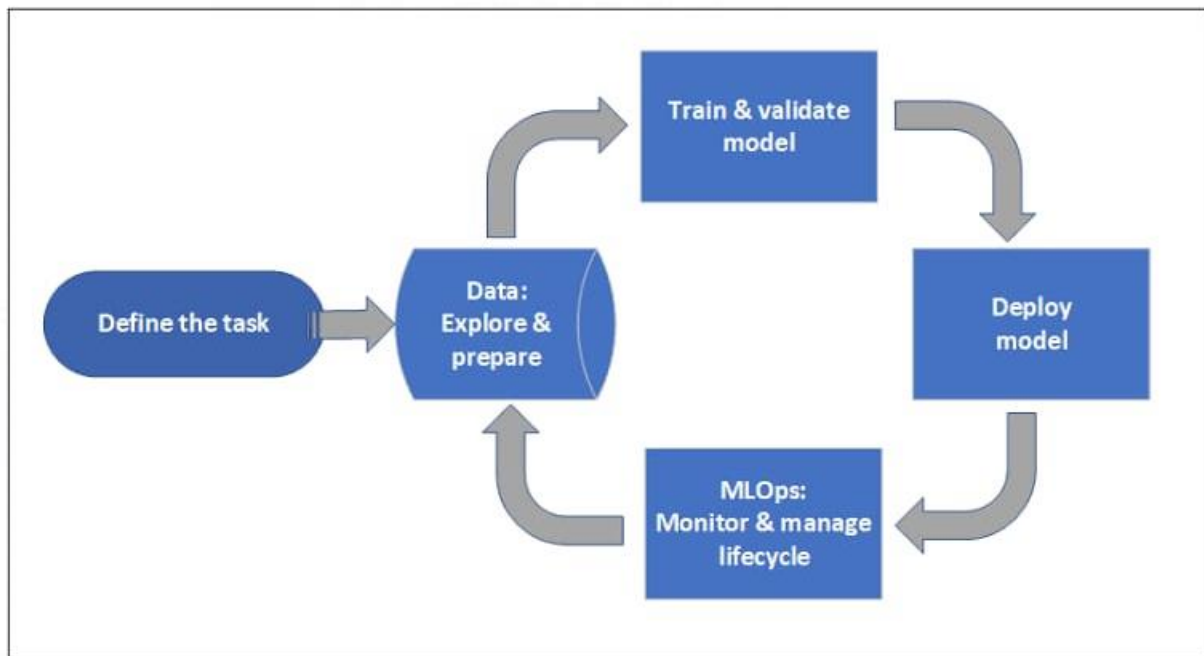


Figure 2. MLOps lifecycle

Event Photos:





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PEC / Admin / Circular / 2024 / Turing CLUB

Date: 10-08-2024.

All the staff, Pragati Turing club coordinators, Second and Third year Students are informed that a seminar on “**AI PROJECTS**” is being organized by Turing club in association with career Guidance cell. The details are given below.

Date: 13-8-2024

Time: 2:00 PM to 3:30 PM

Venue: CS-8

Faculty Co-coordinator: Mrs.L.Yamuna

Student Co-Ordinator: B B S V Sai Ganesh (III -year CSE (AI&ML)-22A31A4226)

Ch Jayaveer (III-year CSE (AI&ML)-22A31A4231)

Speaker: Thanoosh K (IV-year CSE (AI&ML)-21A31A4239)

Faculty coordinator

HoD-CSE(AI&ML)

Copy to:

- 1) Chairman /All Directors / Vice President for kind information.
- 2) Vice Principal/Dean T&P for information.
- 3) All HODs are requested to circulate among your staff members.
- 4) Convener-Career Guidance cell
- 5) Office File.



Pragati Engineering College

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(Approved by AICTE, permanently affiliated to JNTUK, Kakinada & Accredited by NBA & NAAC with 'A' Grade)

INDUSTRY 4.0 CLUB TURING CLUB

Of CSE AIML Department in Association With Career Guidance
Organizes
Seminar On

AI PROJECTS

TUESDAY

13

AUGUST

TIMING

2:00PM

TO 3:30 PM

Venue: CS8

Event Speaker:



Thanoosh K
21A31A4239

Student Coordinators:

B. B. S. V. Sai Ganesh (22A31A4226)

Ch. Jayaveer (22A31A4231)

Head Of The Department
Dr.A.Radha Krishna

Faculty Coordinator
Mrs.L.Yamuna