LogicLooM 2.0 (Finale Edition) Event Report

Paradox Technicals, IIT Madras

June 2024

9th June 2024

As usual a huge success! we've out-powered the benchmark we'd set at Margazhi :D

STATS

Event run	Margazhi (Jan'24)	Paradox'24 (May-June'24)	Change **(Increase)**
Total Unique Registrations	436	**639 (via Paradox portal)** **(Regn was closed on 17th May)** *+9 (on-spot during workshop)*	**+48.62%↑**
Stream Wise Split			
Data Science	428	620	**+44.86%↑**
Electronic Systems	08	19	**+137.5%↑**
Category Split			

Foundational level	319	422	**+32.29%↑**
Diploma	107	196	**+83.18%↑**
Degree level	10	21	**+110.00%↑**
Total Active Participants	243	**376**	**+54.73%↑**
Participant Retention	55.73% (2nd HIGHEST)	**58.84%** (No stats released for other events to compare)	**+3.11%↑**

Event run: 24 days! (May 10th – June 2nd)
Mode: Hybrid
Event budget allotted: 15.2 K INR

Total talks hosted: 2

1. Prof Jyothi K, Dept of Creative Learning, CCL, IIT GN (Online), 10th May, 19.00 – 21.00 IST [Attendees: 85 in Gmeet, session was live-streamed over Paradox Yt channel]

2. Decoding Gen-AI with Prof. Sudarshan Iyengar, HOD, CSE, IIT RPR (Offline) – 1st June – ICSR Hall 2, 10.30 – 12.00 IST [Attendees: 80/80 seats]
   Note: A lot of participants couldn't be allowed in, due to the limited seating capacity of the hall.

Mentors: Mr. Piyush Wairale & Mr. Arun Prakash (CIs, IITM)

Event Team: *Somsubhra De*, *Sayan Bhowmick* (Event core & planning), Advait Vats, Shambhavi Shekhar (Sponsorship PoC) G*outham Madineni*, *Anirban Mandal (*PR & *Marketing)*

Total Rounds: 3

1. Round – 1 (Prelims): Creativity Round (Individual participation)

Successfully hosted the Online Prelims round over 2 phases (consisting of 3 days, a 48 hours flexible time-frame divided into 15 slots). Based on multiple representations, we had extended our registration window till 17th May 17.00 IST and participants who had registered after 10th May or couldn't attempt the round on 11th/12th May (Phase I) were given an opportunity to participate on 19th May.

2. Round – 2 (Pre-finals, Online, team-based)
   24th May 19.00 – 22.00 IST
   ML Challenge for Diploma and Degree sub-teams and Data challenge for FL sub-teams

Total **95 students qualified** for Round-2 out of whom **94** participated. Cut-off for Prelims: 15.5 pts for DD category and 20.5 pts for FL students (out of 45) Link

3. Round – 3 (Finals)
   2nd June, 09.15 – 13.30 IST, ICSR Hall 2
   AI-ML Challenge continued, with App development and Presentation Pitch for the solution developed

7 FL and DD teams, each having 2 participants (i.e. **28 participants) qualified for the Finale**. Additionally, 3 more teams (ranked 8, 9, 10)

from both categories (i.e. 12 participants) were provided the opportunity to participate in the finale. Link

Out of the 28 finalists, 24 participated (6 online and 18 offline at the venue).

Achievers: 9 (3 participants in each of the top 3 teams) Link

Changes implemented in LogicLooM 2.0 – Link

Core Feedback: SR Team (Poshika): "This is the best event I've worked with!" :D

Participant Feedback

(Compiled after analysis of 210+ feedbacks received over our portal, out of which 62.9% was from FL, 34.8% from Diploma and 2.4% from Degree level)

Overall rating of contest: **4.1** (avg, on 5 pt scale)

71.9% participants voted 4/5

Participant App portal experience: **4.0** (avg, on 5 pt scale)

67.2% participants voted 4/5

Prelims Difficulty: 1.8 (avg, on 3 pt scale)

Contest was well-planned and organized? **93.3%** said Yes

Was the event organizing team helpful and did you get proper support? **93.8%** said Yes

If you were one of the participants in our debut edition (Logicloom Margazhi 2024), we hope you loved the innovative changes brought in. How much has the contest improved?

93.6% participants who participated in 1.0 said Yes out of which 57.5 % believes it to have been improved by 5X

96.7% participants found the contest 'Unique, freshly brewed, intriguing which required critical and out of the box thinking'.

98.5% participants agreed that it 'didn't require any pre-requisites/ much domain knowledge/ memorization and the problems weren't factual-based and it was fun to solve'

68.6% found it challenging.

Some of the **comments** pasted (chosen in a randomized way from the entire patch) **(No moderation has been done!)**

Q: Any specific message for the LogicLooM Question paper team? :D

Really, I envy them. I also want to improve myself to become one among them

Fabulous job done totally different and interesting questions

Easy questions thode dedo abhi abhi diploma join kiya he

Great work team! It could not be have been better than this . Kudos!!!

The Question paper was very much challenging.

The changes you have made in 2.0 are awesome, especially the level-wise questions difficulty and team making for round 2.

Good but do try to give a bit specific hint instead of a documentation. It was very well organized and conducted and I enjoyed. Thank you

Good Job. Would love to see Som's Actual Working Sheet of his Internship :)

Time may be extended to 60 minutes.

Keep up the good work, the questions were lit:)

Great job by the team. Keep up the spirits

Nice question fitted to break participants confidence

How did you make/find such questions??

The questions were very innovative keep it up the same efforts for future round as well. well done!

Questions were way too tricky

Q: What did you love about the Prelims?

Questions based on Critical thinking

Unique, I like the style of questions.

Had a new experience.

The questions were on varied concepts of ML, DL, AI and Coding.

Interface is good

The team is very helpful and the event was also fun till now.

Challenging questions

"questions were nice and challenging. enjoyed it"

The questions were actually based on what we had learned in our diploma course unlike last time which was good .

The questions were fun to solve.

It is a new experience

FUN TO SOLVE AND COMPELLING TO THINK OUT OF THE BOX

the challenging and yet fun to solve part is the most favorite part for me.

It got really fun and intense as the time started nearing the end

Love the questions

The questions were really challenging and it required out of the box thinking. The app was very nicely programmed. Everything in all was good.

it was a unique experience

I loved all of it.. but wish I'd more time T_T

Type of question framing

The brain hunt questions which is fun to solve.

Flexibility of giving exam

Diversity of questions

I didn't really enjoy it, It might be because I'm a direct entry diploma student who studies programming. For me every question was making me feel like an ineligible candidate for this event. Even though the question had resources it was too long to read for a 40 min exam. As the description of the event said anyone can join, i registered to it unknowingly. If only i had little knowledge about ML.

mind bending

The design and the way question were presented to the participants with a bit of humor that made it more relevant to solve with fun. Indeed, they were challenging but didn't feel like it was a competition. Enjoyed a lot.

Some questions were creative and thought provoking

It made me think

getting to know the basics of the questions

It was quite challenging and had to think out of box and memorization or formula was needed

my headache

Thought Provoking, out of box thinking

Good

It made me approach the questions in different ways

Fun and challenging event

Great teaser for the real event

The questions were good, interesting.

The questions were unique and most question are not day real life solution not in theoretical question which i like the most in the prelims.

solving different questions from our day to day curriculum was quite interesting.

Great questions, great effort

Website

Questions were related to logical thinking and data science and were not like typical aptitude questions. Had fun while solving them.

It helped to think and approach problems in different way that's quite impressive

the contest is well made and the questions were good too

It was fun overall

The separation of questions according to the level in the BS program

Unique and fun to solve questions

I loved that the questions didn't require memorization it was exciting and mind boggling

Questions were thought provoking

It actually focussed more on thinking instead of technical knowledge.

The challenging aspects of the questions and subtle hints provided that required prior knowledge to understand.

The sound system on the test portal

It was really good. And I loved how all the characters from the Questions where the House Council Members themselves. The Questions were also of very good quality which required from thought. Overall, it was a fun experience.

The questions were challenging and enjoyed a lot.

every question required more or less critical thinking

The questions were indeed logical.

Very innovative questions.

Streamline experience of giving quiz through website.

Flexible time slots given.

Good Qs and website

Panic

Everything:)

The 'out of the box' questions. More than an exam it was like solving riddles. It was really fun.

The creativity of the questions present in it.

They are very interesting to solve and are too good for a student in foundation

Questions are really brainstorming… The type of problems were new.

prelims was quick, very timely and l loved the fact that this test gave me feedback of my proficiency in AI, ML

It was fun trying to come up with a logical solution within a frame of time. I love challenges:)

The huge 28 hour attempt window is awesome

Happy to participate

Rancho question

good

Thought provoking questions

it is a mixed and up to date and fun

need some knowledge about data science part(i dont have much knowledge about this. only completed programming diploma). hints provided are useful.

Some questions were entirely new for me, so solving it was challenging and fun.

It was Awesome, Questions were good

Presentation and the question quality

ques that force us to thinking apart from technicals

background music

Question are making treky

fun :D

Everything

Topics covered by questions

questions

Technical questions related to data science

everything enjoyed it to core

Amazing quiz which tests our skills gained from our lecture courses

UI is extremely good and interactive

was surprised to see the questions

The PROBLEMS!!!!!!!!!!!!!!!

Questions were different

the tricky and well aligned questions with the course

It's very challenging and it's very hard to answer such questions.

Questions were not memory based.

support

Innovative questions

The prelims were very challenging to solve. But I loved the out of the box thinking questions, and it was fun to solve those questions.

The most application-based questions which made to think extensively

support by the team

out of the box questions

Unique and challenging

The depth of questions

The questions were actually based on understanding of AI and ML and was very conceptual.

Very unique questions

I loved the way the questions were created.. Questions very really interesting to solve

The questions were unique and practical.

Something

The "ALL IZZ WELL ??" poster from 3 idiots on the feedback page

MIND BLOOMING EXPERIENCE

Nice out of box questions

The questions were based on the understanding of the concepts and the real world application rather than mere rote learning of ideas. I enjoyed it.

It is such a unique event that I ever participated. Very interesting to solve the problems.

It was a reality check on where I stood in the field that I wish to enter

The questions were out of the box, required quite an out of the box thinking, which you don't encounter usually in your daily academic life.

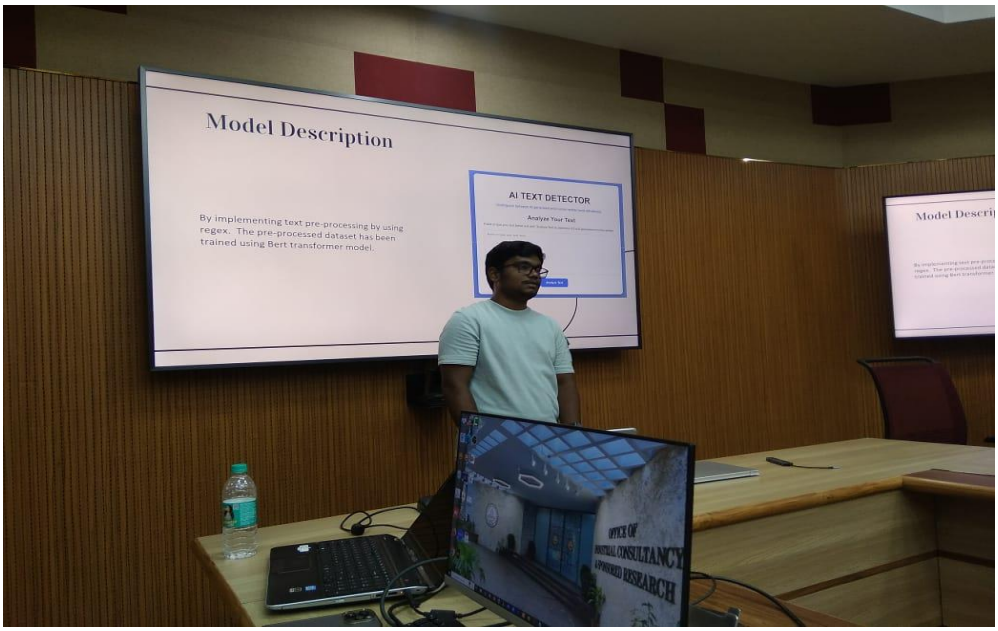
The questions compelled me to think in a more logical sense.

LogicLooM Participant Web-App

Besides EncryptID, we are the only event to have hosted a dynamic web-app among all events at Paradox, coded for A-Z needs of the event.

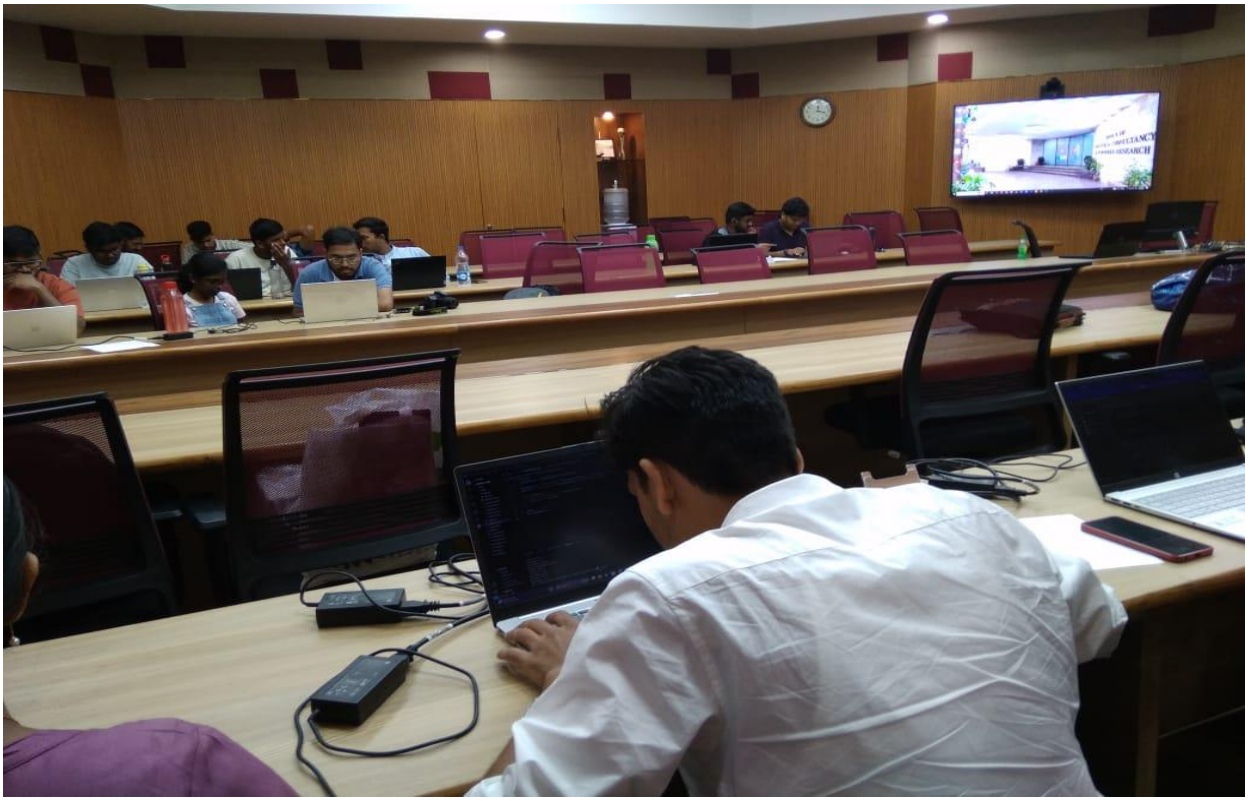
- Participant Portal (Online quiz system, team allocation system)
- Core team portal (Participant management system, Online quiz monitoring system which tracks the participant activities like away time, nav counts, etc. throughout the contest, QP designer tool, auto-grader, reviewer portal for creativity based manual evaluation problems, offline venue management system with seat booking and real-time QR verification that made the SR and security team work simplified)

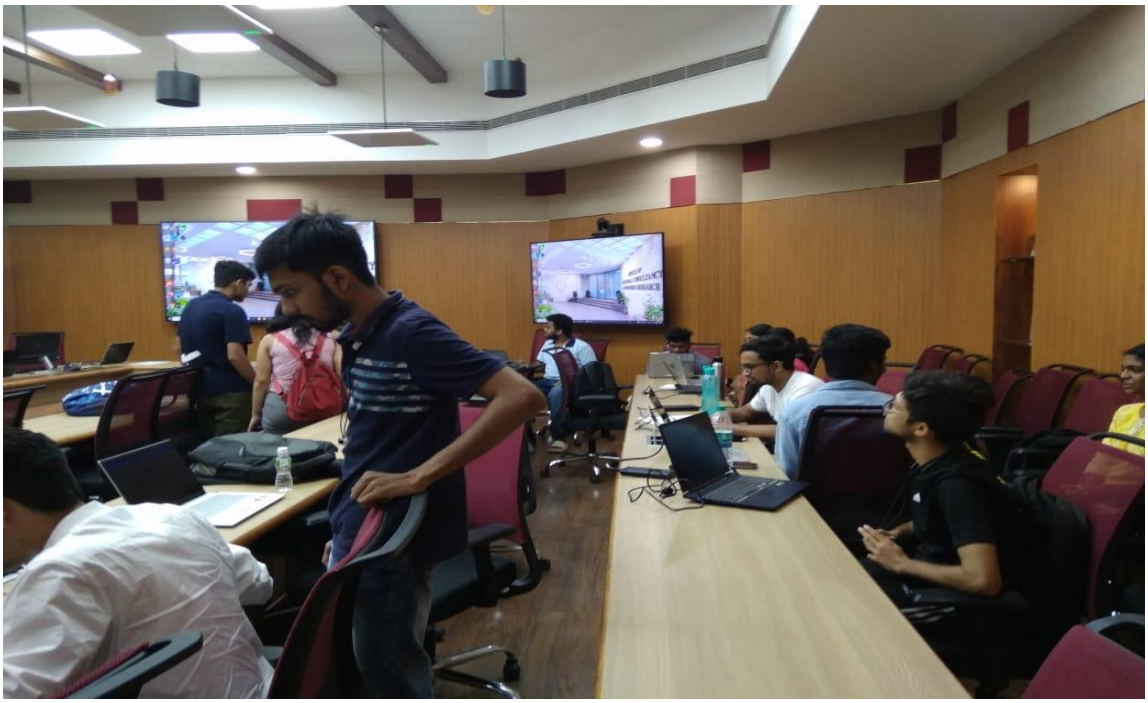
A FEW PHOTOS FROM OUR OFFLINE FINALE!


Model Description
By implementing text pre-processing by using regex. The pre-processed dataset has been trained using Bert transformer model.
AI TEXT DETECTOR
Analyze Your Text

Model Description and Architecture
NLP
Our model uses a deep neural network architecture to capture complex patterns in the text.
Training Data
STOP
GIVING
UP!

Distinguishing
Human and AI Text
Our machine learning model aims to accurately differentiate between text written by humans and text generated by AI systems.
Big data
Neural network
STOP
GIVING
UP!





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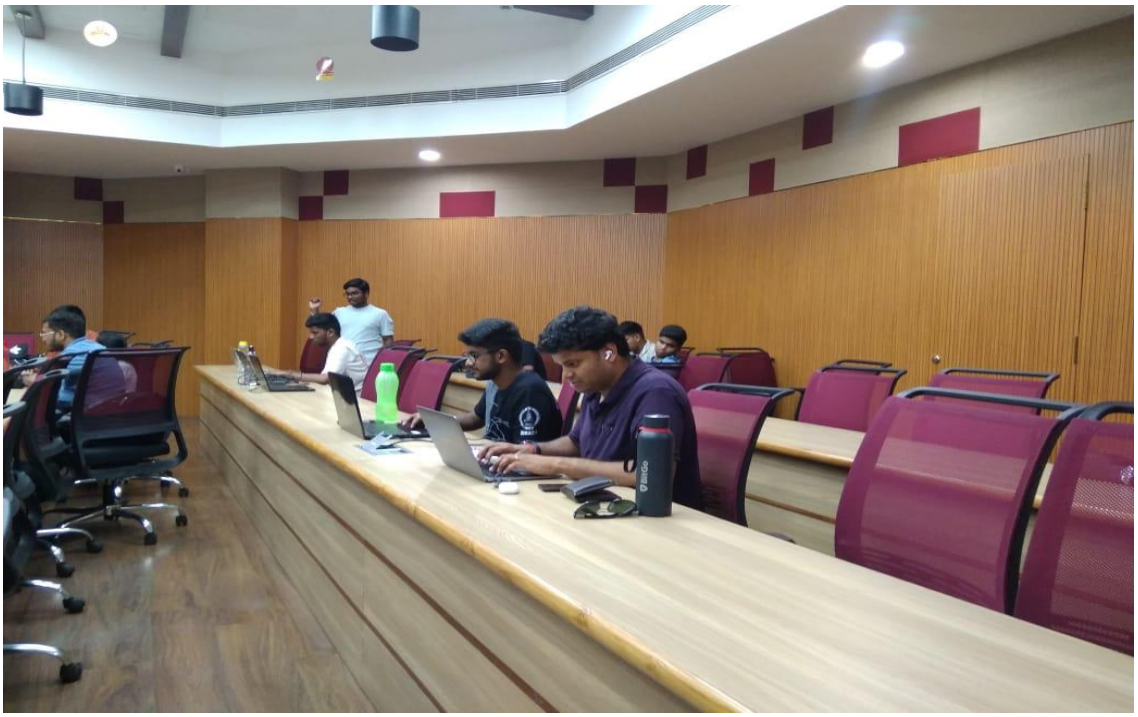

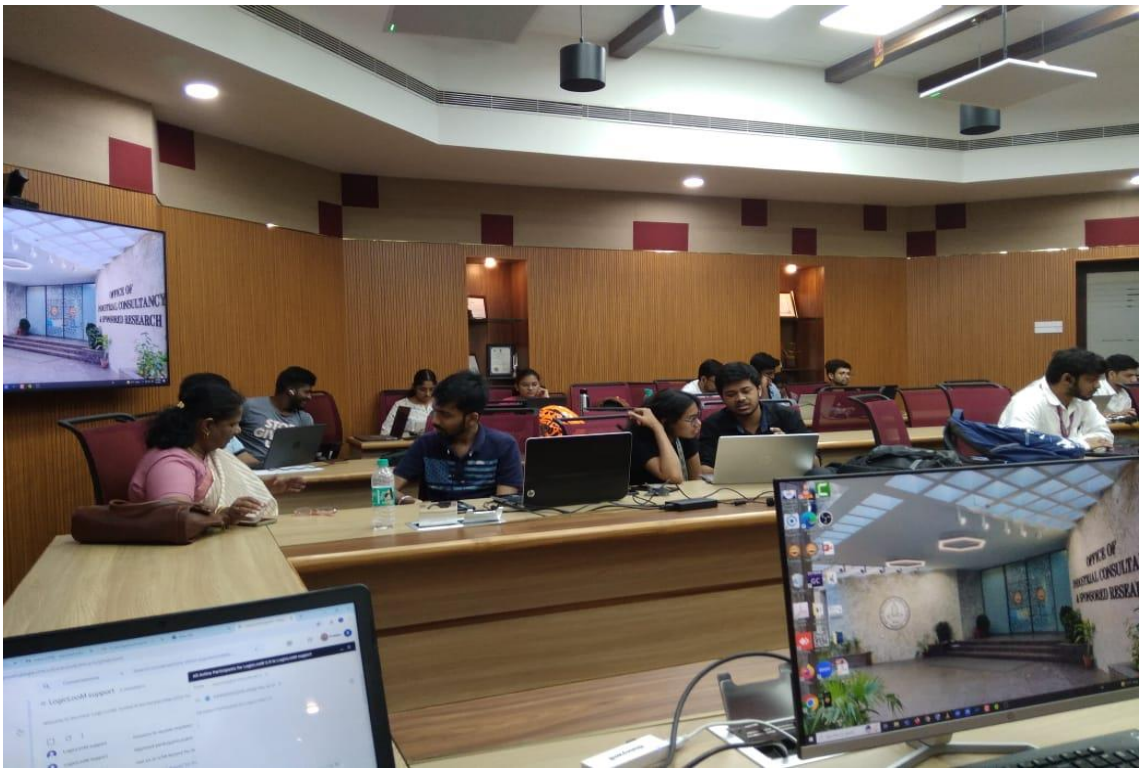

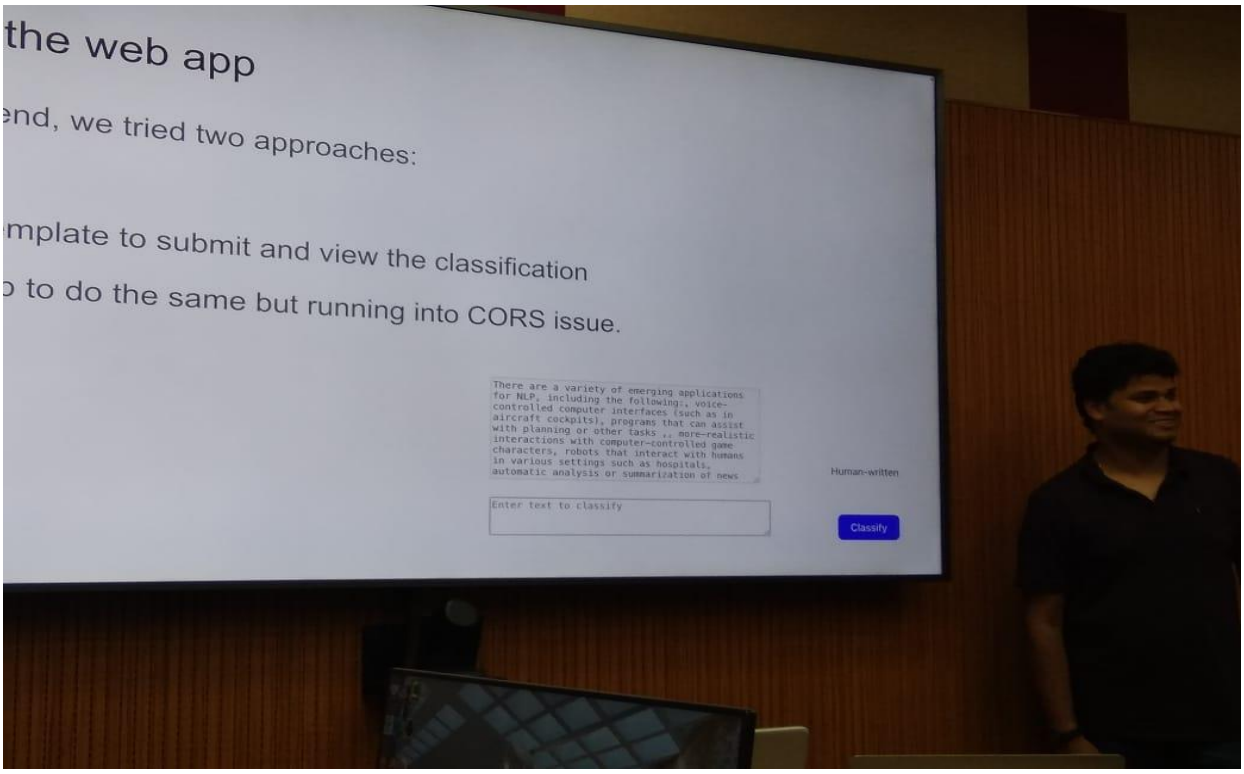
the web app
end, we tried two approaches:
mplate to submit and view the classification
o to do the same but running into CORS issue.
There are a variety of emerging applications for NLP, including the following:. voice-controlled computer interfaces (such as in aircraft cockpits), programs that can assist with planning or other tasks .. more-realistic interactions with computer-controlled game characters, robots that interact with humans in various settings such as hospitals, automatic analysis or summarization of news
Human-written
Enter text to classify
Classify

Detecting AI-Generated Text: Model Development and Deployment