DJ InIT. AI
Devising Intelligence for Tomorrow

Club Report

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Vice-Chairperson	
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Shehal Shah	Vedant Kesharia

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- Atharva Rajmane
- Anuj Bohra
- Ronakk Javeri
- Adit Kanaji
- Krisha Borana
- Smit Shah
- Soham Patil
- Surabhi Waingankar

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Logistics Heads • Ishika Rampariya • Chinmay Bopalkar	
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B. Year in Review

It has been another year of growth, innovation, and impactful initiatives at **DJ InIT.ai Club**. Building on the foundations laid in previous years, we have continued our commitment to advancing AI literacy, nurturing talent, and fostering a culture of collaboration and curiosity within the student community.

This year, our efforts were centred around:

- **InIT Decode Series**: A new initiative where we created engaging 1-minute reels/short videos that explain fundamental and trending AI terms in a concise, accessible format. These videos were shared on social media to spark curiosity and spread awareness among a wider audience.
- **AI Lecture Series:** We continued with our initiative of delivering lectures to second-year students on core AI topics. The series included hands-on assignments designed to solidify understanding and promote practical application.
- **Event – Data2Knowledge 3.0 Datathon:** Continuing the legacy of our flagship event, this year's edition brought together participants from various backgrounds to solve real-world problems using data-driven approaches. The Datathon witnessed enthusiastic participation and insightful solutions.
- **Collaboration Event with IEEE:** In partnership with IEEE, we organised a seminar on Teachers' Day led by Dr. Rajkumar Patil, focusing on research writing and publication strategies. With 150+ participants, the session covered paper structure, publishing tips, and the value of student-led research. The event empowered students to begin their academic research journeys with confidence and clarity.
- **Junior Research Leads Project Presentation:** The final session of our Junior Research Program saw students present diverse, semester-long AI projects to a panel of alumni mentors and faculty. From ML to cybersecurity, teams showcased their methodologies, results, and future scope with confidence and clarity. The session reflected InIT's commitment to nurturing a research-driven mindset among budding innovators.
- **Innovative Product Development (IPD) Seminar:** This session introduced students to Innovative Product Development (IPD) with insights from experts on ideation, execution, and real-world applications in AI, IoT, and cybersecurity. Through interactive discussions and Q&A, students gained practical guidance to kickstart impactful projects. The seminar inspired a problem-solving mindset essential for research, interviews, and future studies.

The following sections give a detailed review of each of the activities/events mentioned above.

C. Achievements

1. Soham Patil, Surabhi Waingankar, and Sagar Harsora clinched the first position in Maha-Hackathon 1.0, a state-level hackathon organized by the Government of Maharashtra and powered by BHASHINI India Division, winning a cash prize of ₹15 Lakh.

2. Soham Patil, Surabhi Waingankar, and Sagar Harsora – won Hackniche 3.0, the flagship hackathon hosted by DJSCE GDG and DJSCE Synapse, securing a prize of ₹25,000.

3. Anish Sharma, Soham Patil, Surabhi Waingankar and Sagar Harsora emerged as winners of the Smart India Hackathon (SIH) 2024, with a problem statement provided by NTRO, hosted at IIT Kharagpur, bagging a cash prize of ₹1 Lakh.

4. Soham Patil secured a prestigious internship at Google.

5. Surabhi Waingankar secured a prestigious internship at Goldman Sachs.

6. Surajsingh Rajpurohit and Sagar Harsora secured internships at ARCON.

7. Anish Sharma secured a prestigious internship at Fractal AI.

8. Krishna Naudiyal and Mihik Chaudhari (Research Members) are the 2nd Runner Up winning Rs.15,000 at D2K 3.0 Hackathon organised by DJ InIT.AI at DJSCE.

9. The Editorial Department and Publicity Department significantly boosted InIT.AI's outreach by launching the #DecodeSeries on LinkedIn, featuring AI tools, project breakdowns, and member spotlights. Their consistent content strategy from pre-event buzz to post-event highlights, greatly enhanced the club's publicity and social media presence.

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D. INITiate.AI – InIT Lecture Series 2024–2025

1. Session 1: Python & Data Handling Tools

Venue: Online
Date: 19th October 2024
Time: 4 PM to 6 PM
Class: SY BTech I.T.
Attendance: 50+ students
Topic: Python, Pandas, Numpy, Matplotlib
Conducted by: Tanisha Kanal, Anish Sharma, Atharva Deshpande, Harshit Soni, Dhruv Kothari, Akshay Kulkarni, Yug Gupta, Amit Upadhyay, Abhinav Nair.

Description:
The first session of the INITiate.AI lecture series focused on establishing a solid foundation in Python and essential libraries used in data science workflows. The session began with an introduction to Python, covering syntax, data types, loops, and functions to ensure that students were comfortable with the basics of programming.

Building on this, students were introduced to **NumPy**, where they learned how to work with arrays, perform mathematical operations, and utilize built-in functions for numerical computation. This was followed by a hands-on demonstration of **Pandas**, emphasizing data frames, data cleaning, filtering, and basic data aggregation — all crucial for real-world data handling.

The session concluded with an introduction to **Matplotlib**, a powerful visualisation library. Students created basic plots, including line graphs, bar charts, and histograms, to understand how data can be interpreted and communicated effectively through visuals.
Each topic was accompanied by live coding examples and exercises, encouraging students to practice in real time. The interactive format ensured active participation, and the juniors left the session with a clearer understanding of how Python and its libraries serve as the backbone for data science and AI.

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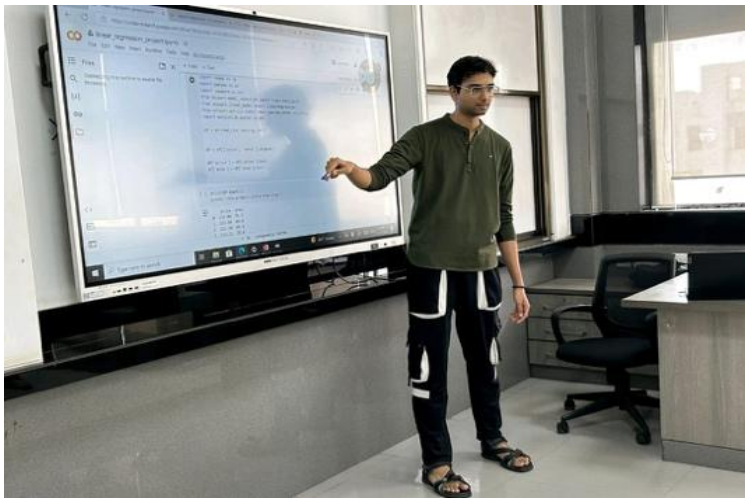
2. Session 2: Core Python & Data Handling Tools

Venue: Classroom 66, DJ Sanghvi College of Engineering + Online
Date: 26th October 2024
Time: 2 PM to 4 PM
Class: SY BTech I.T.
Attendance: 50+ students
Topic: Basics of Supervised vs Unsupervised Learning, Linear Regression, Logistic Regression, Naive Bayes Classifier
Conducted by: Tanisha Kanal, Anish Sharma, Atharva Deshpande, Harshit Soni, Dhruv Kothari, Akshay Kulkarni, Yug Gupta, Amit Upadhyay, Abhinav Nair.

Description:
The second session of the **INITiate.AI** lecture series offered participants an in-depth, hands-on exploration into the world of **supervised machine learning**. Designed with a strong emphasis on practical application, this session introduced students to three powerful and foundational algorithms: Linear Regression, Logistic Regression, and Naive Bayes. Participants began by learning how to model and predict numerical trends using **Linear Regression**, followed by the mathematical intuition and implementation of **Logistic Regression** for binary classification problems. The session concluded with an introduction to **Naive Bayes**, an intuitive probabilistic model widely used in text classification and spam filtering.

What set this session apart was its **project-based learning approach**. Students not only grasped the theory but also applied what they learned by building their own machine learning models from scratch. The project component enabled students to transform raw data into meaningful predictions—bridging the gap between theoretical knowledge and real-world problem-solving.

The energy in the room was palpable as juniors enthusiastically coded alongside the mentors, gaining confidence and clarity with each concept. Their active participation and curiosity made this a highly successful session in the INITiate.AI series.



E. Innovative Product Development (IPD) Seminar

Venue: Online
Date: 26th September 2024
Time: 8:30 PM onwards
Class: SY BTech I.T.
Attendance: 80+ students
Topic: Innovative Product Development – Concepts, Domains & Research Applications
Conducted by: Vedant Kesharia, Shehal Shah, Viral Dalal

Description:
The second session of the INITiate.AI lecture series delved into the realm of *Innovative Product Development (IPD)*, designed to guide students through ideation and execution for research projects and product-driven initiatives.

This interactive seminar served as a launchpad for students looking to explore research, start personal projects, or prepare for postgraduate pursuits. Led by experts Vedant Kesharia, Shehal Shah, and Viral Dalal, the session highlighted the importance of innovation and critical thinking in shaping impactful products and ideas.

Students were introduced to real-world applications of IPD in emerging domains like Artificial Intelligence, Internet of Things, Cybersecurity, and more. The speakers emphasized how IPD plays a crucial role in developing a problem-solving mindset, which is vital for master's programs, technical interviews, and research publications.

The session also featured a Q&A segment, where students got personalized guidance and actionable tips on how to begin their IPD journey. Through this, attendees left with renewed confidence and a toolkit of ideas to kickstart their own innovative initiatives.

The event concluded with a heartfelt thanks to our Faculty Incharges **Prof. Prachi Tawde** and **Prof. Priyanca Gonsalves** for their continued encouragement and support in organizing such enriching sessions.

F. Explainable AI Session by BE

Venue: IT Department, D. J. Sanghvi College of Engineering (DJSCE)
Date: 17 October, 2024
Time: 2:30 PM – 3:30 PM
Attendance: 90 students
Topic: Explainable AI
Conducted by: Vedant Kesharia, Atharva Rajmane, Smit Shah

Description:
InIT.AI, the AI club of IT, recently conducted a crucial Explainable AI (XAI) session for IT students. The session, an initiative to supplement their syllabus, was led by InIT.AI's core members and senior mentors.

The curriculum focused on essential XAI techniques, specifically SHAP (SHapley Additive exPlanations) and LIME (Local Interpretable Model-agnostic Explanations). Participants engaged with practical examples, including the application of SHAP to explain an XGBoost Regressor model's predictions on a housing dataset. Additionally, LIME was demonstrated for interpreting image classification models, such as VGG16, to understand why a model makes specific predictions on images.

This session was vital in demystifying complex AI models, allowing students to grasp how these models arrive at their decisions. Explainable AI is crucial for building trust, ensuring fairness, and facilitating debugging in AI systems. Feedback indicated that students thoroughly understood the concepts, the operational mechanics of XAI, and its significant benefits in the field of artificial intelligence.

G. Junior Research Leads Project Presentation & Evaluation

Venue: Online
Date: 20th April
Time: 2.30pm
Class: SY & TY BTech I.T.
Attendance: 20+ students
Topic: Final Project Presentation – Junior Research Leads
Conducted by: Gautam Malpani, Aakash Goradia, Jainil Shah(Alumni), Prof. Prachi Tawde

Description:
The concluding session of the *INITiate.AI Junior Research Program* marked a milestone as all Junior Research Leads showcased the final outcomes of their semester-long research initiatives. This special event brought together a distinguished evaluation panel comprising alumni mentors Gautam Malpani, Aakash Goradia, and Jainil Shah, along with faculty guide Prof. Prachi Tawde.

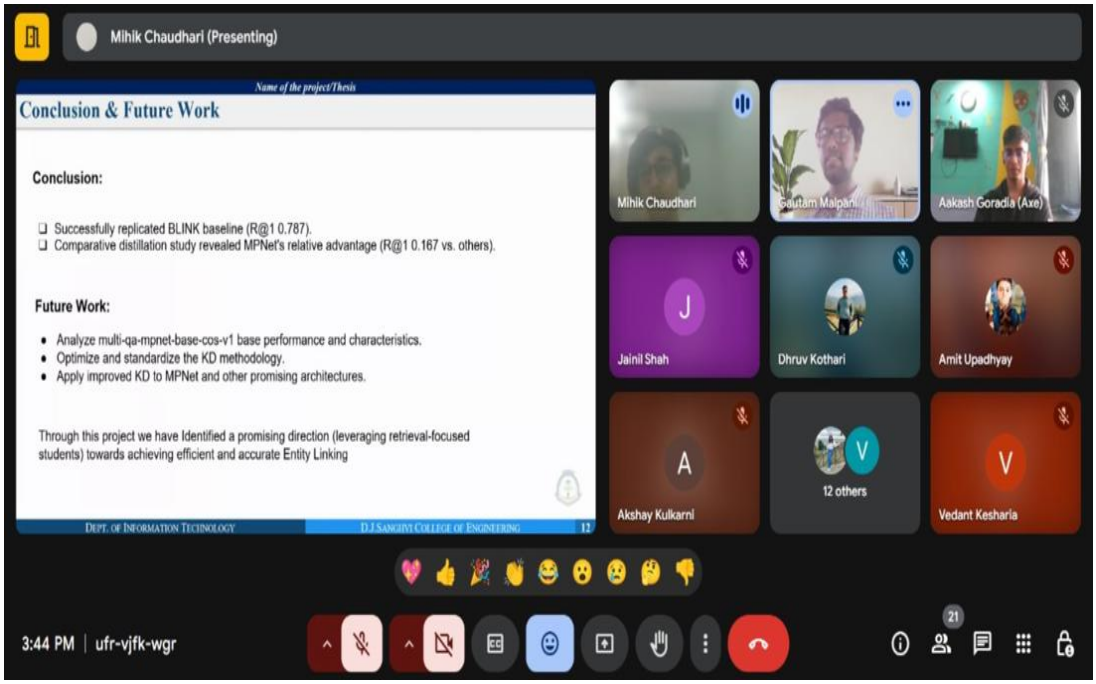
Each student team presented their unique research project, explaining their problem statements, methodology, results, and future scope. The diversity of ideas—from innovative applications of machine learning to impactful solutions in computer vision and cybersecurity—reflected the depth of exploration and effort put in by the juniors.

The panel provided constructive feedback, appreciated the clarity in presentation, and posed insightful questions, giving students a valuable exposure to professional-level critique and industry-relevant thinking.

What made this session truly special was the pride and enthusiasm with which students defended their work, highlighting their journey of growth and discovery throughout the research mentorship. The interaction between the mentors and juniors fostered a sense of continuity, inspiration, and aspiration within the club.

This final presentation not only celebrated the accomplishments of the junior researchers but also reinforced INIT's vision of cultivating a research-oriented mindset and preparing students for real-world challenges in AI.


Pranay Khandagle (Presenting)
A GAN-Based Framework for Robust and Imperceptible Video Watermarking
Solution
Key to Noise
Frame key
Data Loader
Real Sample
Back Propagation
loss_D
Unique Noise (Watermark)
Random Noise
Z
Generator
Generated Fake Sample (watermarked)
Discriminator
loss_G
Back Propagation
Back Propagation
Dept. of Information Technology
D.J.Sanghvi College of Engineering
Pranay Khandagle
Aakash Goradia (Axe)
Jainil Shah
Gautam Malpani
Mihik Chaudhari
Amit Upadhyay
7 others
Vedant Kesharia
4:01 PM | ufr-vjfk-wgr


Mihik Chaudhari (Presenting)
Name of the project/Thesis
Conclusion & Future Work
Conclusion:
Successfully replicated BLINK baseline (R@1 0.787).
Comparative distillation study revealed MPNet's relative advantage (R@1 0.167 vs. others).
Future Work:
Analyze multi-qa-mpnet-base-cos-v1 base performance and characteristics.
Optimize and standardize the KD methodology.
Apply improved KD to MPNet and other promising architectures.
Through this project we have Identified a promising direction (leveraging retrieval-focused students) towards achieving efficient and accurate Entity Linking
DEPT. OF INFORMATION TECHNOLOGY
D.J.SANGHVI COLLEGE OF ENGINEERING
12
Mihik Chaudhari
Aakash Goradia (Axe)
Jainil Shah
Dhruv Kothari
Amit Upadhyay
Akshay Kulkarni
12 others
Vedant Kesharia
3:44 PM | ufr-vjfk-wgr

H. Fundamentals of Writing and Publishing Research Papers Seminar (in collaboration with the IEEE committee of DJSCE)

Venue: Seminar Hall, DJ Sanghvi College of Engineering
Date: 5th September, 2024
Time: 10:00 AM onwards
Attendance: 150+ students
Topic: Final Project Presentation – Junior Research Leads
Conducted by: Dr. Rajkumar Patil (Associate Professor, Mechanical Engineering Department, DJSCE)

Description:

On the occasion of Teachers' Day, the DJ InIT.AI club, in collaboration with the IEEE committee of DJSCE, conducted a seminar titled *Research Paper Writing Bootcamp*. The seminar was led by Dr. Rajkumar Patil, an Associate Professor from the Mechanical Engineering Department, and attracted over 150 students. The primary focus of the session was to introduce students to the fundamentals of writing and publishing academic research papers.

Dr. Patil emphasized the growing significance of research in a student's academic and professional life. He shed light on DJSCE's institutional goal of achieving over 900 publications by the year 2030 and discussed how reputed national and global rankings like NIRF and OS World Rankings are directly influenced by the research output of colleges. By increasing the quality and quantity of published work, both students and the institution stand to benefit in terms of credibility and recognition.

He addressed a commonly asked question—why students should consider publishing research papers in the first place. Dr. Patil outlined a few key benefits:

1. Publishing helps students in career advancement by making them eligible for better academic opportunities, including foreign university admissions and collaborations with experienced researchers.
2. Even small contributions to existing research—referred to as "Delta X" by Dr. Patil—can hold significant value in the academic world.
3. Publishing opens doors to collaborations with international researchers and institutions, helping build a wider professional network.
4. The process of research itself builds one's analytical skills and fosters long-term intellectual and personal growth.

During the session, Dr. Patil explained the detailed structure of a standard research paper and emphasized the importance of clarity, originality, and precision at each stage. He described how a well-written abstract must briefly summarize the entire paper including the method and results. The introduction is meant to clearly state the research problem and objectives. He discussed how the literature review should map the existing work and identify gaps. The methodology should thoroughly explain the data collection and analysis approach. The analysis and results section should present findings with proper statistical support, while the discussion should interpret the results and compare them with existing studies. Finally, the conclusion should wrap up the findings and suggest future directions.

He also shared some important tips for publishing: ensuring grammatical correctness, adhering to formatting standards, and choosing the appropriate type of article (e.g., method article, review paper, etc.) based on the research being conducted. Students were advised to consider publishing in reputed journals such as Scopus-indexed or Web of Science journals in Q1 or Q2 rankings. Dr. Patil encouraged students to initiate their research journey through final-year projects, internships, or industry projects like IPD, and highlighted how his own early research during student years had paved the way for his post-doctoral studies abroad.

The session was an informative and highly practical introduction to academic research. Students left the seminar with a clear idea of what it takes to write and publish a research paper. Overall, the bootcamp served as a strong motivation for students to begin contributing to the global research community.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Research Paper Writing Bootcamp

E. Research Projects

1. **NeutralABSA: Enhancing Neutral Sentiment Classification in Aspect-Based Sentiment Analysis:**

Problem Statement: This paper presents NeutralABSA, a novel framework aimed at addressing the persistent challenge of neutral sentiment misclassification in Aspect-Based Sentiment Analysis (ABSA). While existing models like PyABSA and InstructABSA perform well on aspect extraction and sentiment detection, they often fail to accurately handle neutral sentiments, particularly when aspects lack explicit evaluative language.

NeutralABSA tackles this limitation through a multi-pronged approach: (1) Class-weighted training with DeBERTa to mitigate dataset imbalances, (2) LoRA-based Parameter-Efficient Fine-Tuning (PEFT) of BERT models to reduce contextual overgeneralization, and (3) data augmentation with semantic similarity filtering to better align aspects with their corresponding sentiments. Evaluated across benchmark datasets such as SemEval 2014/2015 and FABSA, the model achieves 95% accuracy in Aspect Polarity Classification and 99.76% accuracy in Aspect Extraction.

By refining the treatment of neutral cases, NeutralABSA enhances the reliability of sentiment insights, offering significant implications for businesses, review analysis tools, and NLP applications requiring fine-grained opinion mining.

Team Members:

- Surabhi Waingankar
- Mahek Patel

2. **Cross-Lingual Transfer Learning for Medical NER and Question Answering in Low-Resource Language:**

Problem Statement: This paper presents a cross-lingual transfer learning framework for medical Named Entity Recognition (NER) and Question Answering (QA) in Hindi, a low-resource language. The scarcity of high-quality annotated medical datasets in such languages poses a significant barrier to developing effective NLP tools for healthcare. This project directly addresses this critical need by bridging the resource gap. Leveraging English biomedical datasets and transformer models (XLM-RoBERTa, BLOOM), the authors adapt NER through bilingual pipelines and cosine similarity for entity classification. For QA, they fine-tune BLOOM using translated Hindi data and enhance performance using Retrieval-Augmented Generation (RAG). Translation is achieved with IndicTrans2, and efficient fine-tuning with LoRA. The approach achieves high accuracy in NER (88%) and coherent QA outputs, offering a scalable solution for multilingual medical NLP in resource-scarce environments, ultimately improving access to medical information.

Team Members:

- Dhruv Kothari
- Harshit Soni

3. AdversaMark: Robust Digital Watermarking through Generative Adversarial Networks:

Problem Statement: With the rapid growth of digital video content, there's a stronger need to protect copyrights, especially for valuable media like sports broadcasts, YouTube videos, and AI-generated content. This paper introduces AdversaMark, a new invisible video watermarking system that uses Generative Adversarial Networks (GANs) along with cryptographic key generation to overcome the limits of older methods. Instead of handling video frames separately, this research uses a dual-key system: one key for the whole video as a password and another unique key for each frame, which is based on the content. The methodology utilizes a modified DCGAN with a custom layer that smartly embeds secure watermarks into important video frames using local pixel and timing features. The watermarks generated in this framework are dynamic in terms of patch size, location, and intensity. Seamless integration of cryptographic robustness with GAN-based adaptive noise generation, creating watermarks that are inherently resistant to removal even when cryptographic keys are compromised. Validation on three different datasets shows it works well in real-world conditions while keeping the structure intact. This research fills a key gap in video watermarking by offering a complete solution that keeps time consistency and strong protection for new digital media formats.

Team Members:

- Tanisha Kanal
- Pranay Khandagle

4. Gender Bias Mitigation in Vision Language Models:

Problem Statement: The paper "Bias Mitigation in Vision-Language Models (VLMs)" explores techniques to reduce social and representational biases in multimodal AI systems. These biases can lead to unfair or discriminatory outcomes in real-world applications, making their mitigation crucial for ethical AI development. The research aims to ensure that VLMs perform equitably across diverse demographic groups and sensitive attributes. It presents a methodology that combines bias-aware preprocessing, such as gender-neutral question reformulation and balanced image sampling, with fine-tuning on curated datasets. The approach also emphasizes evaluating model behavior across sensitive attributes to ensure consistent and fair performance. The results

show improved fairness and more equitable outcomes across diverse inputs, contributing to the development of inclusive, responsible, and socially aware VLMs.

Team Members:
- Anish Sharma
- Atharva Deshpande

5. Comparative analysis of LLMs in ESG prediction:

Problem Statement: This paper presents an automated ESG (Environmental, Social, and Governance) score evaluation framework for Indian companies using large language models (LLMs), addressing the high cost and subjectivity of manual ESG analysis. Leveraging a dataset of 10,000 firms with financial data, unstructured news content, and ground-truth ESG scores from ESGRisk.ai, the authors evaluate three LLMs: Llama 8B, Gemma 2, and Mistral Nemo. The models are fine-tuned using supervised learning and assessed via MSE, RMSE, MAE, and threshold-based accuracy. Gemma 2 demonstrates superior performance, effectively integrating contextual news and financial data, while Mistral Nemo excels in modeling environmental factors. The study highlights the promise of LLMs for scalable ESG evaluation in emerging economies, aligning with industry standards and enhancing automation in sustainable investment assessment.

Team Members:

- Akshay Kulkarni
- Amit Upadhyay

6. Entity Linking with Small Embeddings:

Problem Statement: This paper explores the use of Knowledge Distillation (KD) to create lightweight, efficient Entity Linking (EL) systems from large transformer-based models. Using BLINK's BERT-large bi-encoder as a teacher, the study evaluates three student architectures: distilbert-base-uncased, multi-qa-mpnet-base-cos-v1, and all-MiniLM-L12-v2, trained with embedding alignment and task-specific contrastive loss on the AIDA-CoNLL dataset. While the teacher achieves Recall@1 ≈ 0.787, distilled models perform lower, with multi-qa-mpnet-base-cos-v1 achieving the best Recall@1 of 0.167. Results suggest that architectures pre-trained for semantic similarity, such as MPNet, are more suitable for EL distillation, guiding future efforts to develop practical, resource-efficient EL systems.

Team Members:

- Mihik Chaudhari
- Soham Patil

7. GANS based multilingual voice cloning:

Problem Statement: This project focuses on developing a multilingual voice cloning system to enable lecturers to deliver content in languages they do not speak, enhancing accessibility in education. This innovation is particularly impactful for e-learning platforms and global communication, breaking down language barriers for knowledge dissemination. Leveraging technologies like Text-to-Speech (TTS), Automatic Speech Recognition (ASR), and GAN-based models, the system preserves speaker identity and emotional tone across languages, a complex task that GANs are uniquely suited for. It supports real-time synthesis, multi-speaker functionality, and aims to address challenges in low-resource languages, ensuring inclusive, scalable, and high-quality multilingual educational content.

Team Members:

- Yug Gupta
- Dikshant Badawadagi

8. Cerelabs

Problem Statement: The project uses Generative AI to convert UiPath workflows into Power Automate Cloud solutions. First, the UiPath XAML is summarized into plain English using Gemini to capture the automation logic. Then, this summary is used to prompt Gemini again to generate the required definition.json and externalInputManifest.json files for Power Automate. Finally, these files are structured into a zip package that can be directly imported into Power Automate Cloud, enabling seamless workflow migration between platforms.

Team Members:

- Pranay Khandagle
- Mihik Chaudhari
- Soham Patil
- Surabhi Waingankar
- Isha Patade

I. Event – Data2Knowledge 3.0

Event Date: 22 March 2025
Event Name: Data To Knowledge 3.0 (D2K 3.0)

After two successful editions, DJ InIT.AI returned with the third installment of its flagship datathon — **Data to Knowledge 3.0 (D2K 3.0)** — this time with a cyberpunk-inspired theme. With "The Matrix" as the backdrop and the tagline **"Can you break the code?"**, the event challenged young data minds to go beyond the known and decode real-world AI problems. The event garnered over **270+ registrations** from multiple institutes via Devfolio. After resume shortlisting and an online quiz, **43 teams** (with 2–3 members each) were selected for the **9-hour offline datathon.**

Inauguration and Welcome
The event kicked off at the IT Department Seminar Hall with the **ceremonial lamp lighting**, followed by a soulful **Saraswati Vandana sung by Aryan**. This set a serene tone for the innovation-packed day ahead.

Ribbon cutting was performed by **Vansh and Archie**, marking the official launch of D2K 3.0.

We were honoured by the presence of:

- **Dr. Hari Vasudevan (Principal)**
- **Dr. Narendra Shekokar (Vice Principal)**
- **Dr. Vinaya Sawant (HOD, IT)**
- **Prof. Prachi Tawde and Prof. Priyanca Gonsalves (Faculty In-Charges)**

All dignitaries gave brief and encouraging addresses appreciating student leadership. As a gesture of gratitude, **Satishkumar Sir and Monika Ma'am** presented them with **a sapling and a custom journal**.

Theme and Problem Statements
This year's datathon revolved around real-world AI use cases inspired by futuristic, data-driven systems. Four hand-picked problem statements were provided by our sponsoring companies:

1. **Smart Interview Analyzer**
   Provided by Punctualiti
   Teams were tasked with building an AI-powered tool to analyze audio/video inputs from interviews and derive meaningful behavioral and technical insights.

2. **Fake News Detection System**
   Provided by Hexamad Digital
   Participants had to create a multi-modal model that analyzed both image and text inputs to accurately flag misinformation.

3. **Autonomous Vehicle Path Optimizer**
   Provided by Solunation
   This PS asked teams to use reinforcement learning to develop better route optimization for autonomous vehicles under dynamic constraints.

4. **AI Wellness Assistant**
   Provided by Antennae Ventures
   Teams worked on sentiment-driven wellness tracking systems to help users improve mental clarity and productivity.

Each statement reflected an industry-relevant use case and demanded interdisciplinary thinking.

Sponsors and Acknowledgements
The event was made possible by the support of our sponsors:

- **Title Sponsor: Punctualiti**
  Special thanks to **Zaheer Ali (Founder)**, **Heet Zatakia**, and **Yuvraj Thakur** for backing our event and innovation vision.

- **Powered by: Antennae Ventures**
  We are grateful to **Vinit Jain (Founder & CEO)** for his belief in the student community, along with **Vishal Jain (Judge)** and **Ronit Doshi (Mentor)** for their active involvement.

- **Gold Sponsor: Devfolio**
  India's leading hackathon platform, which supported hosting, promotion, and technical infrastructure.

- **Silver Sponsors:**
  - **Polygon** – Blockchain infrastructure protocol.
  - **ETHIndia** – India's largest Ethereum hackathon initiative.

- **Associate Sponsors:**
  - **Solunation** – Thanks to **Gaj Joshi** and **Aditya Tiwari** (Co-Founders).

- **Hexamad Digital** – Thanks to **Anwesh Biswas** and **Monu Shetty (Co-Founder)**.

Execution & Judging
The datathon began at **9:30 AM**, and for the next 9 hours, teams immersed themselves in problem-solving with support from industry mentors and InIT.AI core members.
Midway activities such as snack breaks, casual games, and live music helped maintain a vibrant atmosphere.

By **3:00 PM**, submissions were locked. Judges then began reviewing the projects. Only the **top 8 teams** (announced privately via WhatsApp) were retained in the seminar hall for presentations. They presented their solutions to a panel of experts in a final evaluation round.

Winners

-
- **1st Prize – ₹40,000**
  PS: Smart Interview Analyzer – **Team Gradient Flow**
  Members: Nandini Nema, Pranay Khandagle, Sujal Choudhari (All from DJSCE)

- **2nd Prize – ₹25,000**
  PS: AI Wellness Assistant – **Team Bournvita-Smugglers**
  Members: Yash Buddhadev, Sameer Gupta, Harsh Chitaliya (All from DJSCE)

- **3rd Prize – ₹15,000**
  PS: Fake News Detection – **Team jinx.js**
  Members: Mihik Chaudhari, Krishna Naudiyal (Both from DJSCE)

Closing Remarks
The day concluded with a prize distribution ceremony, where the judges and faculty praised the professionalism and creativity of the participants.

But beyond the cash prizes, **D2K 3.0 was a celebration of innovation, hustle, and fearless learning**. It helped students experience the world of real-world AI application, build new connections, and test their limits in an intense, high-stakes environment.

As aptly said by the hosting heads **Surajsingh Rajpurohit and Rohana Mahimkar** during the closing note:
"This wasn't just a datathon. It was a celebration of curiosity, hustle, and fearless innovation."