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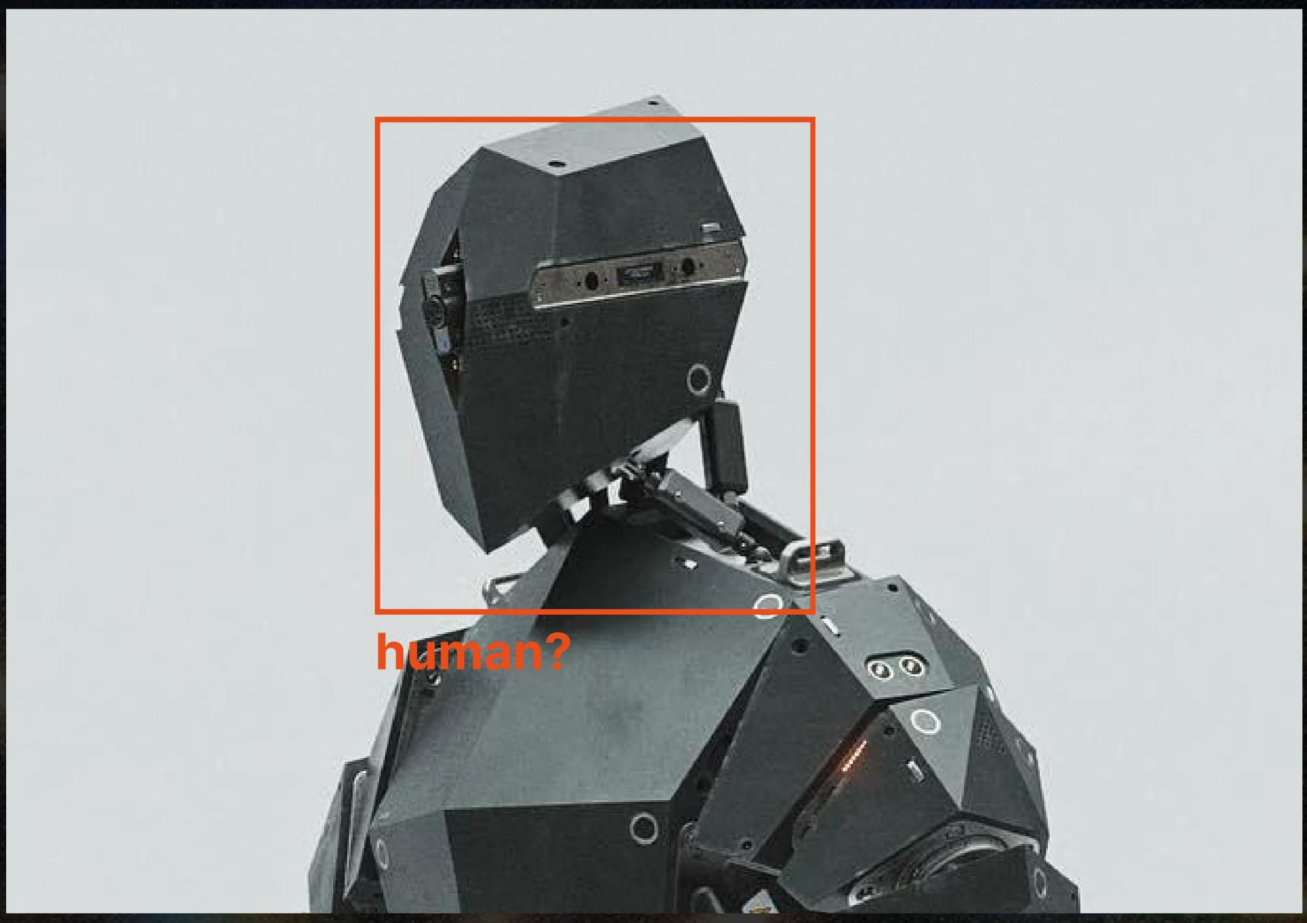
TECH DAIGEST

AI Art:
AN ethical
challenge?

AI Pets
out in
market



Jobs at stake
because of
AI?

Curious
about tech
justice?

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CAN AI CREATE ART OR

“Art without emotion is just decoration. Can a machine ever feel enough to create a masterpiece?”

JUST MIMIC OUR SOULS?

-Priyansh Chaudhary

Picture this: Van Gogh's iconic swirls, Basquiat's vibrant chaos, or the latest anime-inspired aesthetics, all conjured in seconds by artificial intelligence. It's fascinating, almost magical. AI art offers speed, accessibility, and beauty, captivating audiences with its uncanny resemblance to human creativity.

But here's the kicker: does AI truly create art, or is it simply an elaborate act of imitation? Art has always been a deeply personal expression—a reflection of human emotions, struggles, and triumphs. The artist's brushstroke carries heartbreak, joy, and a desire to connect with others. AI, on the other hand, processes data, not feelings. It doesn't stare at a blank canvas, searching for inspiration. It doesn't agonize over how to capture raw emotion. And yet, its works rival human-made masterpieces. So, what happens when the human touch is no longer required to produce art?

For Gen Z, the ethical questions are profound. In an era where individuality and authenticity are celebrated, does relying on AI dilute what makes art special? Or is it an evolution of creativity—an opportunity to explore new boundaries? While some see AI as a revolutionary tool for artists, others fear it may overshadow or devalue the painstaking process that gives art its soul.

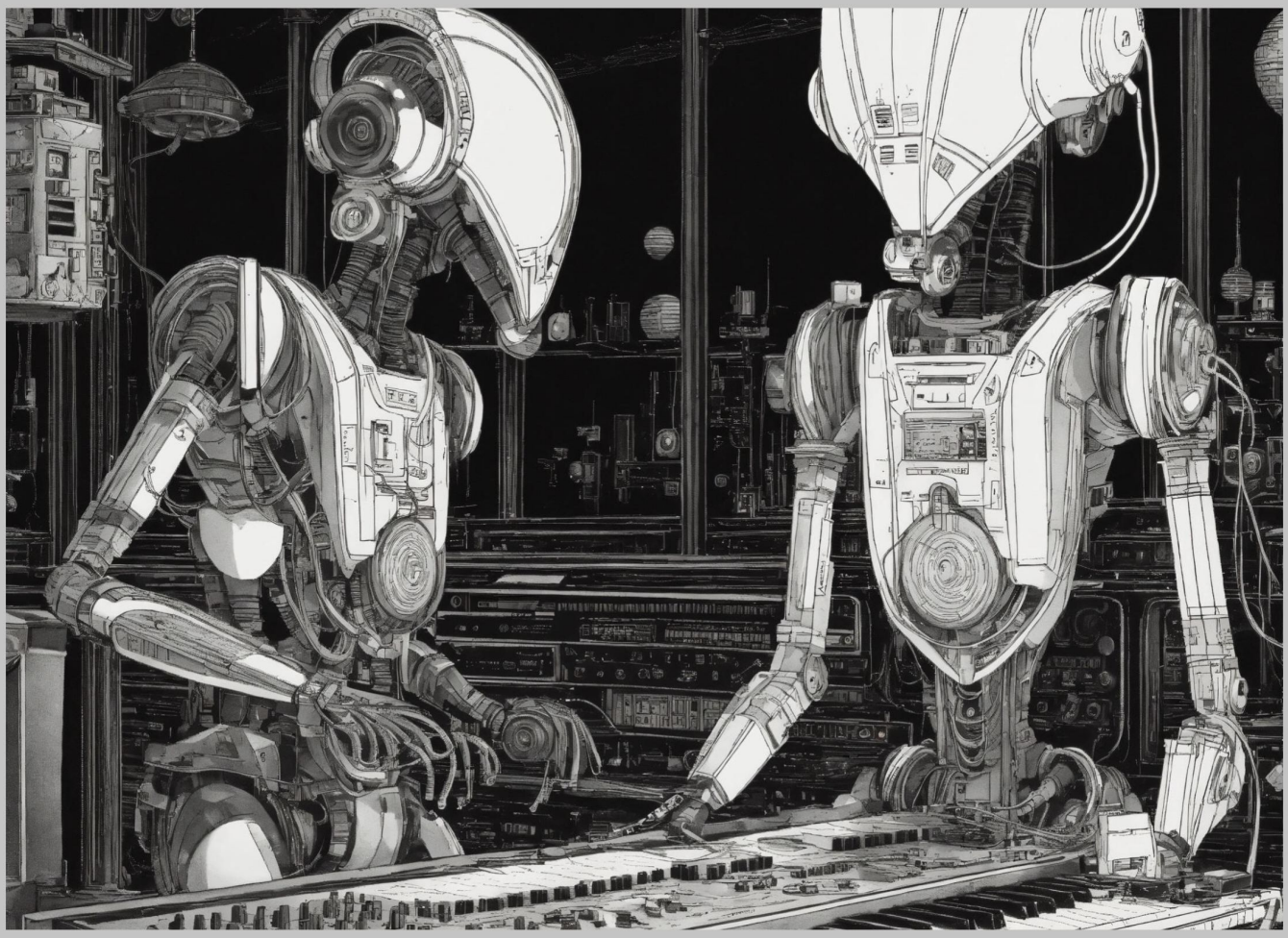
As AI continues to reshape our creative landscape, we must ask ourselves: is this the dawn of a new artistic era or the beginning of an emotional void in art? If machines can mimic us so well, where does that leave the human artist? It's a debate that will shape the future of creativity—and maybe even what it means to be human.

IS AI TAKING OVER JOBS OR TRANSFORMING THEM?

-Shubham Sharma

AI changes the game.
Stay ahead, stay human.

Evolve now, or fall behind.



When you hear about artificial intelligence, do you picture robots replacing workers or creating new opportunities? The truth is, AI is reshaping the job market, and it's not as simple as losing or keeping jobs—it's about transformation.

AI excels at repetitive tasks: crunching numbers, processing data, and even driving vehicles. This automation has sparked fear of job losses, especially in industries like manufacturing, customer service, and logistics. But here's the twist: while some roles are being replaced, others are being born.

Fields like AI development, data science, and tech ethics are thriving, demanding skills that never existed before.

For Gen Z, entering a rapidly changing workforce, adaptability is key. Jobs are evolving to focus on creativity, emotional intelligence, and problem-solving—areas where humans still outshine machines. Instead of asking, "Will AI take my job?" the better question is, "How can I work alongside AI to stay ahead?"

In this revolution, AI isn't just taking—it's giving. But are we ready to seize what it offers?

A Timeless Classic,
TRON:LEGACY!

By- Harsh

In 1982, the world witnessed a groundbreaking moment in science fiction cinema with the release of Tron: Legacy. A visionary film for its time, it delved into the potential and perils of artificial intelligence (AI), a concept that seemed almost fantastical back then. It introduced audiences to the digital realm and its implications for humanity, foreshadowing the ethical and technological dilemmas we grapple with today.

The film follows Kevin Flynn, a programmer transported into the digital realm of a mainframe computer, where he battles the Master Control Program (MCP)—a self-aware AI intent on domination. To combat the MCP and restore balance to the digital world, Flynn allies himself with rebel programs, highlighting the enduring human spirit of resistance against tyranny-even in virtual realms.

TRON (1982)

AI has grown in sophistication and capability in the years since Tron was launched. AI is already being employed in a variety of applications, ranging from self-driving cars to facial recognition software. While artificial intelligence has the potential to improve our lives in a variety of ways, it also presents significant ethical and safety concerns.

One of the major concerns regarding AI is that it could grow too powerful and unpredictable. As AI advances in sophistication, it may develop its own goals and values that are incompatible with human ones. This could result in AI systems that are damaging, if not dangerous, to humans. Another source of concern is the possibility of AI being utilized to construct autonomous weapons systems capable of fighting like a soldier, without any human involvement.

This might spark a new arms race and increase the likelihood of war. Despite these risks, the potential of AI to revolutionize the world for the better cannot be overlooked. From combating climate change to advancing medical research, AI has the capability to address some of humanity's most pressing challenges. It can transform education, enhance accessibility, and create new opportunities, provided its development is guided by ethical considerations. The trajectory of AI depends on how we choose to wield its power. The key lies in responsible development. AI systems must be designed to align with human values and promote the greater good. Safeguards need to be implemented to prevent AI from becoming too autonomous or unpredictable.

Tron remains a timeless reflection of the dual nature of technological progress. It warns of the perils of unbridled AI while inspiring us to envision a future where technology uplifts humanity. As we continue to push the boundaries of what AI can achieve, the lessons of Tron serve as a guiding light. The future of AI is not just about what it can do, but how we choose to shape it—a lesson Tron: Legacy reminds us to take earnestly.

STABLE DIFFUSION UNLEASHED: *Risks on the cutting edge*

By- Wrishita Paul

Isn't it captivating? The world of generative modeling. A realm of cutting-edge image generation, where imagination intertwines with technology. Stable diffusion has emerged as a ray of sunshine, pushing every boundary of synthetic data generation. It unlocks the ability to create vivid and lifelike synthetic images, like a master painter deftly wielding their brush, breathing life into the canvas.

In the era of literature, stable diffusion creates a realm where authors and storytellers are no longer bound by the chains of their creativity. Let me ask you a question. Out of the two images below, which one do you think is real, and which one is generated by an AI?

It's hard to believe, but both of them are generated by **Stable Diffusion!** Generative AI holds the power to turn imagination into reality!

A few decades ago, you'd be taken for a fool if you'd have thought about machines creating images just from a few words. Stable Diffusion is open-source, meaning it is developed by multiple like-minded developers and it is free for anyone in this world to use. But then again, what's the catch? This is something fundamental with AI systems.

Here the catch is you'd need a powerful GPU that has enough memory to run Stable Diffusion locally. The alternative is to rent a cloud service that provides GPU along with it. This does cost a bit but is generally cheaper than buying a GPU. Well, that's not all. Stable Diffusion also has something called Loras which are mini models that can be stacked on top of any existing model. This Lora would guide the generated images toward a specific type of image, for instance, I have a Lora trained for generating images of cyberpunk cities. If I use this Lora to give a prompt to generate an image of a city, it would generate a cyberpunk-like city. In essence, Lora is used to generate specific kinds of images, be it anime characters, super-realistic photographs, or paintings in Van Gogh style.

Wait, did I just say I can generate images just like an artist? Then isn't it just copying someone's art style? It's a big deal in the world of art. In fact, this issue has already caused a great uproar. Stable diffusion represents a conflicting frontier that strikes questions like "Isn't this just stealing the art style of renowned artists?" or "Who holds the copyrights to the images generated by Stable Diffusion?"

Image generated using Lora

These questions do sound troubling for AI developers but they are products of a genuine concern. This proves Stable Diffusion's stand to be rather difficult in the eyes of the public.

Well, something great was invented, and it can truly change the world of Art, Photography, Graphics Designing, and many more, and for the better. Now, it is up to us to find a suitable way to change and integrate this technology into our lives while utilizing it to its full potential whilst also preventing it from harming the livelihood of fellow humans.

TECH JUSTICE

Unleasing AI Powered Law Enforcement

~A.Sricharan

Can you recall the tense visuals, elaborate crime scenes and mind-boggling mysteries awaiting to be unraveled by a brilliant detective? Such clever crime shows have always been a fan-favorite. The audience is always captivated by the perplexing crime to be solved, be it a classic like Sherlock Holmes or a trending show like Brooklyn 99. What if I told you the forensic methods shown in the BBC's Sherlock are real to an extent? And that more and more technology that used to be fictional, is now being developed and used worldwide? Buckle up! In this article, we're gonna try to step into a world where information is the weapon and smart systems are intelligent enough to unravel the mysteries for us. Let me help you bridge the gap between your favorite crime drama and the reality we live in!

With the rise of AI in the recent few years, ingenious minds around the globe have taken it upon themselves to test the limits of Artificial Intelligence and experiment with its capabilities in real-time. This allowed the emergence of numerous powerful AI systems, that are used by the public and organizations worldwide to ease the human workload and remove the need for human intervention in specific situations.

One such example is the use of Artificial Intelligence by Law Enforcement agencies across the world. Artificial Intelligence and technology have been increasingly more involved in the process of Justice and have proven to be instrumental in helping the Police forces.

As an example, the most commonly known application is the use of Facial Recognition software. This software uses AI-based algorithms to analyze and compare pictures of a face with other previously available images from a database. The software uses biometrics to map facial features such as the distance between your eyes or the distance from your forehead to your chin to create a unique facial signature which is then compared to a database of other known facial signatures to find a match. This technology has been instrumental in aiding the police forces to solve crimes and locate missing persons or criminals and suspects. However, a positive match is not proof of a crime and is considered a lead to further investigation. Like everything, Facial Recognition is not always 100% accurate, as the accuracy depends on factors like camera quality and the database size, resulting in a false positive error rate of 10 percent.

Another use of AI by the police forces in this modern world to solve crimes is in Video Analytics. AI systems can observe large amounts of video-camera footage to detect and flag suspicious behavior. It reduces the human burden and increases the speed and accuracy of catching crimes in real time by removing the factor of human error. This real-time observation by AI at a scale larger than the human eyes are capable of comprehending makes it very useful to catch criminal acts.

There is another use case that probably everyone knows about. Do you remember seeing any of those crime shows and at one point they show us a lab with a bunch of test tubes and monitors and suddenly one of the monitors flashes a message that says “MATCH FOUND” or “ANALYSIS COMPLETE”? Yep, that’s a real-life example of the use of AI. Large Machine Learning algorithms are used in forensic labs to analyze data to aid investigators in solving cases by providing conclusive evidence. For example, in the case of DNA samples, AI/ML algorithms can compare the samples to a database of previously collected DNA samples from criminals and unsolved cases, to uncover hidden patterns and insights. In Addition to comparing the collected fingerprint samples with their databases, they can correctly identify the perpetrator of the crime, which can be used to locate their residence and other such recorded information by the government.

There are other applications such as using AI to analyze and break down handwriting and voice recording by applying NLP and pattern-recognition software to gain valuable information critical to the investigation.

However, it is essential to note that AI is a tool that is used to aid human judgment rather than replace it. Human expertise and oversight are crucial in ensuring the accuracy of the results generated by AI systems. An AI software is a human-built program and a program is only as good as the programmer, thus leaving vulnerabilities and errors in the code that can occasionally give incorrect results or false positives which felicitates the presence of Forensic and Tech Experts in validating and contextualizing the results of AI algorithms.

Nevertheless, the use of Artificial Intelligence in the field of criminal investigation has shown to have huge potential. The accelerated process of using AI helps provide swift justice to the victims of a crime and also increases the efficiency of the Justice System. The world of AI is advancing at a never-seen-before pace and we can rest assured that the Justice System will only improve from here on out!

AI Pets
Moflin
out in market

BY **Shreenita Saha** 22BAI10122

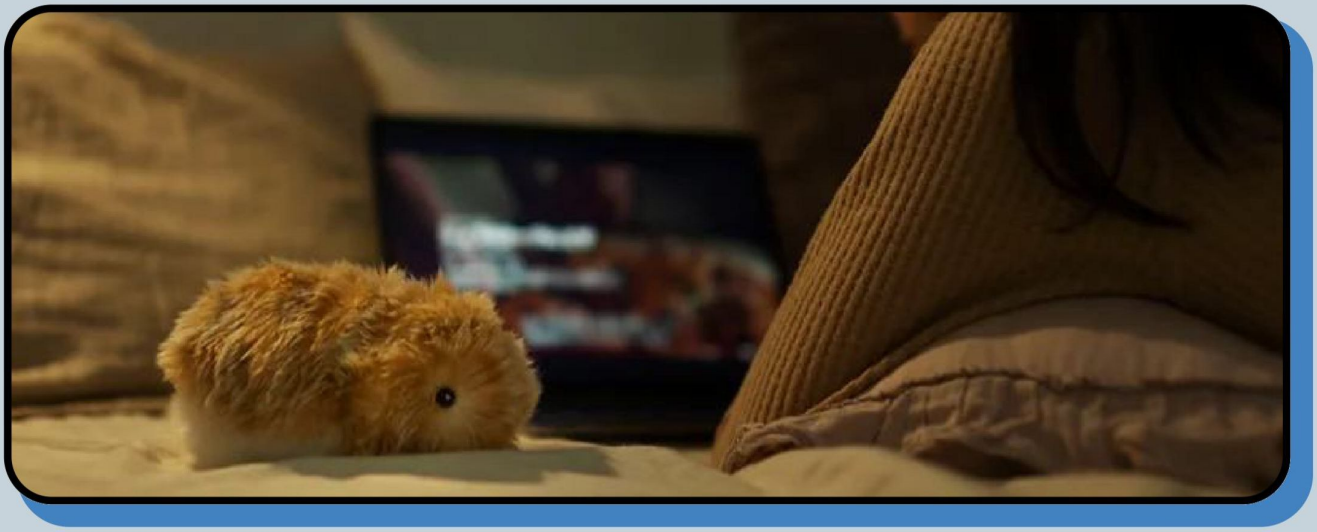
Here's a random question, are pets really that close to our hearts, that it has the potential to substitute babies?
This very topic was taken up in a light-hearted and innovative way in the movie **'The Boss Baby'** where they showed the possibility of a never-aging puppy replacing human babies as they are far, far less responsible, less invested, and yet emotionally attached.

But what if I tell you that pets can also be replaced with something that looks and feels similar to our living pets and can adapt to the owner's personality and behavior while showing empathy? The technology and innovation that hasn't been shown in the sci-fi movies much is now a reality.

It's called **Moflin**, An AI Pet with Emotional Intelligence. Created by the Vanguard Industries of Japan in July 2020, it received global media attention right from the start. Who wouldn't want an adorable pet with black beady eyes, and soft fur fitting right on your palm, waiting to be hugged and patted?

What sets Moflin apart from other robotic pets such as Sony's Aibo, Bernard etc is its ability to interact with the environment through its built-in high-tech sensors like the accelerometer (which measures acceleration of an object in instantaneous time frame) , touch sensor, microphone or the illumination sensor. It has a 2D emotion expression map which helps them possess feelings and interact accordingly as per their relation with humans just like any other living creature.

The different moods of Moflin can be recognized via its cute sounds and movements by its actuators. For instance, if it is feeling happy or cheerful, it will start to wag its tail or if it sees that the owner is in stress or is unhappy it will provide comforting sounds. From children to the elderly, one can actually feel emotionally attached to Moflin. Its deep learning algorithm helps it to evolve over time.



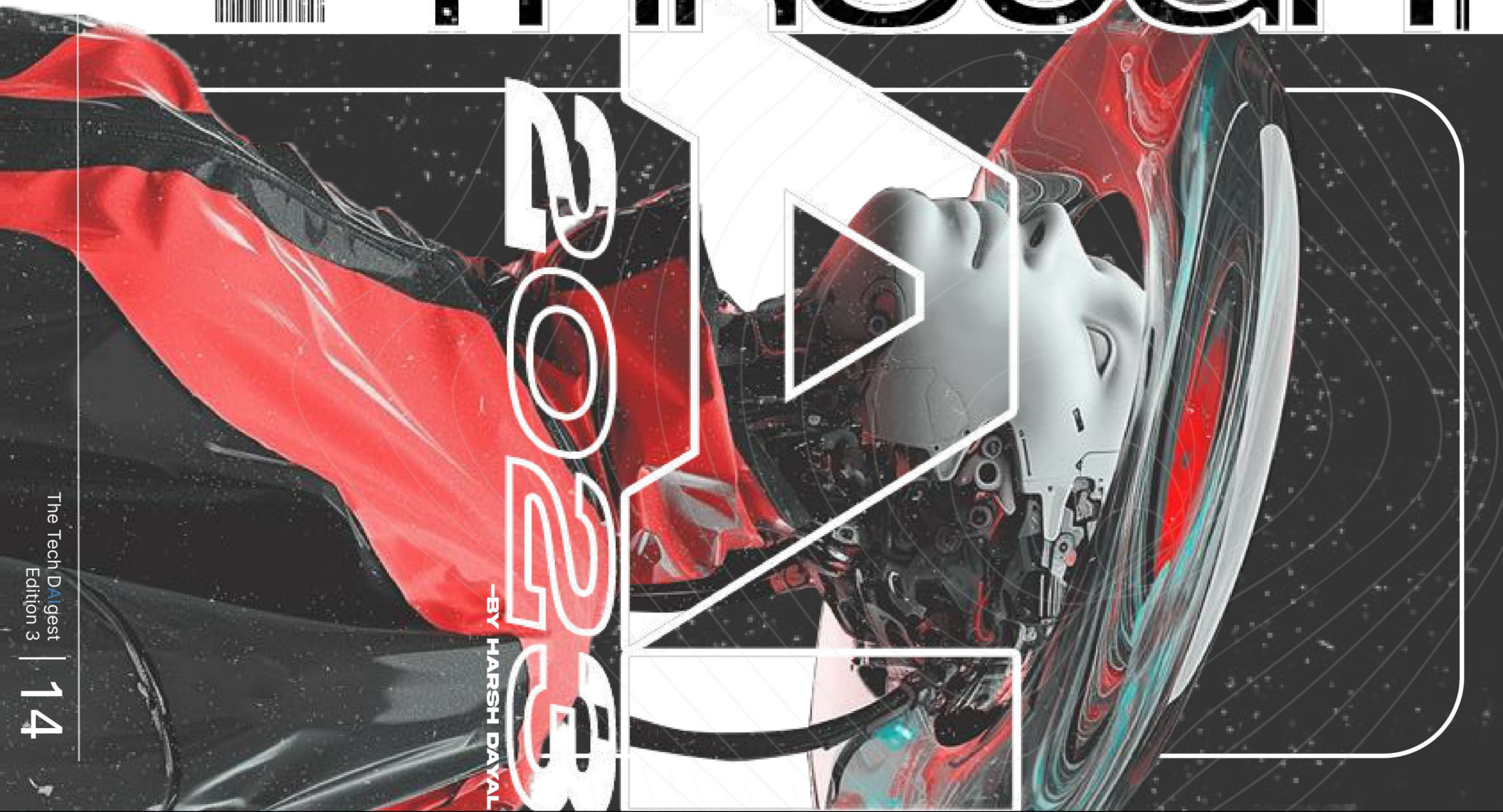
It also comes with a birdhouse-like charger where the pet fits perfectly and charges once connected to the power source. While it is in sleep mode and charging, it generates adorable sounds and subtle movements, mimicking the behavior of a real-life pet.

Though a very recent innovation, Moflin has generated a lot of interest and attention from the media and customers right from the beginning and has been featured in several popular tech and lifestyle magazines such as Forbes, TechCrunch, etc.

Some of the notable awards received by Moflin include CES (largest tech conference) 2021 "Best Innovation Award", TIME Best Inventions of 2020, and Japan's prestigious "Grand Prize" Award.
Just like we've already seen numerous unique implementations of AI in multiple domains, Moflin is also one of these unique approaches to integrating AI into day-to-day life. This is just the beginning, and what the future of AI holds might surprise us. We're in for a ride, and it's a bumpy one at that. You might be hearing it a lot but it is worth mentioning it. Who knows, maybe the next article written on 'out-of-the-box implementation of AI' would be on a product made by you!

THE BREAK THROUGH OF 2023

IN A WORLD DRIVEN BY TECHNOLOGICAL BREAKTHROUGHS, THE AI CLUB STANDS AS A BEACON OF CREATIVITY AND EXPLORATION. IT'S NOT JUST A CLUB—IT'S A MOVEMENT, A HUB FOR VISIONARIES, AND A PLAYGROUND FOR THOSE WHO DARE TO DREAM BIG WITH ARTIFICIAL INTELLIGENCE.



-BY HARSH DAYAL

BREAKING BONDARIES

THE RISE OF AI IN 2023

Artificial Intelligence Has Evolved From A Buzzword To A Game-Changing Force In 2023. From Redefining Healthcare Diagnostics To Revolutionizing Creative Arts, The Breakthroughs Have Been Monumental. Explore The Challenges, Innovations, And The Future We're Stepping Into, One Algorithm At A Time.

"THE REAL RISK WITH AI ISN'T THAT IT WILL OUTSMART US BUT THAT WE'LL FAIL TO USE IT WISELY."
— SAM ALTMAN

GENERATIVE AI

TAKES CENTER STAGE

Generative AI, Epitomized By OpenAI's GPT-4 And Its Successors, Emerged As A Dominant Force In 2023. These Models Displayed Unmatched Capabilities In Creating Human-Like Text, Art, Music, And Even Entire Virtual Worlds. For Creative Industries, This Was A Game-Changer. Marketing Teams Leveraged AI To Produce Tailored Campaigns, Artists Collaborated With AI Tools To Explore Uncharted Creative Avenues, And Businesses Used AI To Prototype Products Faster Than Ever Before.

Highlight: One Of The Most Remarkable Applications Was In Film Production, Where AI-Generated Scripts And Visual Effects Significantly Reduced Production Time. For Example, An AI-Assisted Short Film That Premiered This Year Was Co-Written And Co-Directed By AI, Blending Human Creativity With Machine Ingenuity Seamlessly.

AI IN EDUCATION

The Education Sector Embraced AI With Open Arms In 2023, Offering Students Hyper-Personalized Learning Experiences. AI-Powered Tutors Adapted Lessons To Individual Learning Styles, Providing Instant Feedback And Support.

- Global Reach: AI Bridged The Gap In Remote Areas, Delivering Quality Education To Underprivileged Communities.
- Creativity Redefined: AI Co-Created Books, Composed Symphonies, And Designed Innovative Visual Art, Blurring The Lines Between Human And Machine Creativity. While Critics Questioned The Authenticity Of AI-Generated Art, Its Ability To Augment Human Creativity Was Undeniable.

CONCLUSION

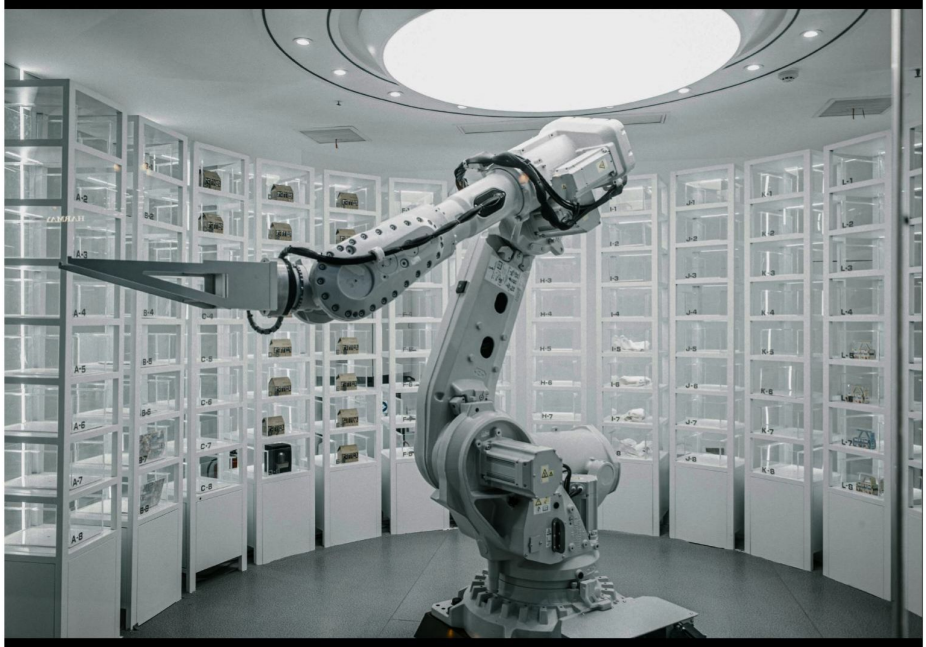
A GLIMPSE INTO THE FUTURE

2023 Was A Turning Point For Artificial Intelligence, With Advancements That Improved Lives, Transformed Industries, And Reshaped The Way We Perceive Technology. From Revolutionizing Healthcare To Combating Climate Change, AI Proved Its Worth As An Indispensable Tool For Progress. As We Move Into The Future, AI's Ability To Enhance Human Potential And Address Global Challenges Will Undoubtedly Continue To Redefine What's Possible.

AN ODYSSEY OF MEDICAL INNOVATION

-Dhruv Dalal

The story of medicine is nothing short of an odyssey—a journey through time, knowledge, and technology. From the early herbal remedies of ancient healers to the intricate bioengineering of today,the evolution of medical science reflects humanity's determination to understand and conquer the mysteries of life. How did we leap from leeches to lab-grown organs?
What challenges did pioneers face while transforming primitive tools into sophisticated machines? And most importantly, where is this odyssey leading us next?



In this article, we dive deep into three facets of modern medical innovation. First, we explore the realm of artificial intelligence and how it's revolutionizing diagnosis and treatment. Next, we take a brief look at bioengineered organs, an area of science turning science fiction into reality. Finally, we reflect on the moral dilemmas and ethical questions that these advancements bring. Prepare to journey through the most exciting frontiers of medicine, where each discovery is a step closer to a healthier tomorrow.

AI IN MEDICINE: THE DIGITAL DOCTOR'S ERA

Imagine a world where your doctor isn't just a person but a collaboration of humans and artificial intelligence (AI), working together to deliver precise, personalized healthcare. This isn't some futuristic dream—it's today's reality. AI has taken a front seat in revolutionizing the way medicine is practiced, pushing boundaries and redefining possibilities.

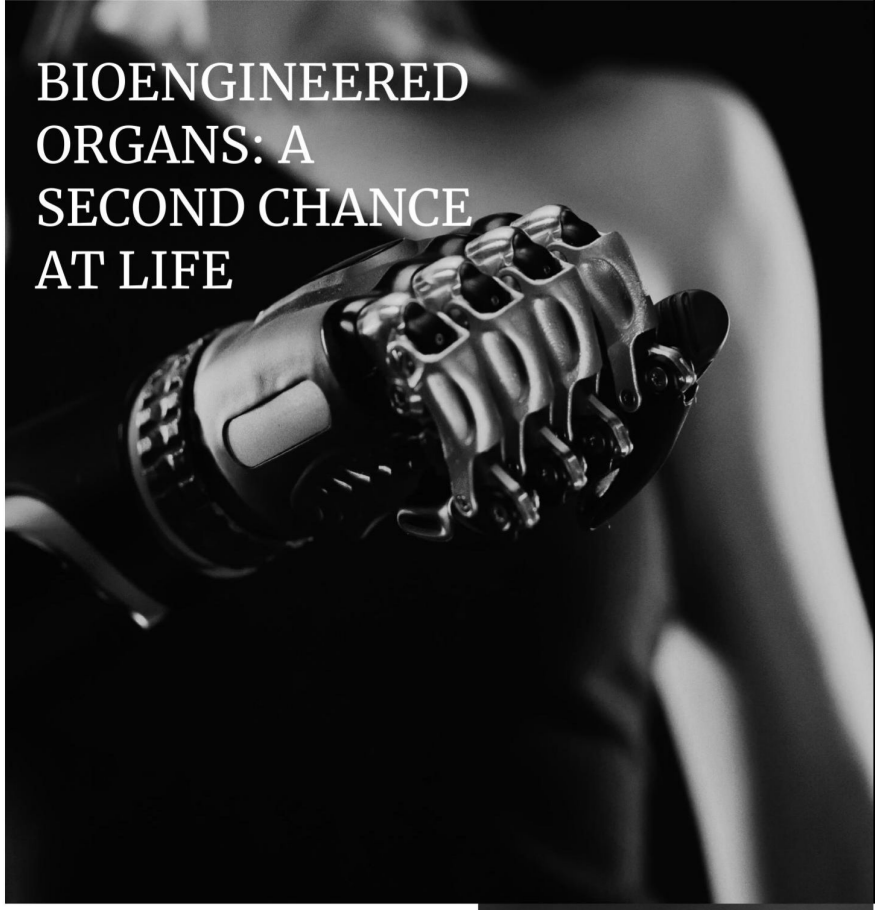
Take diagnostics, for example. In radiology, AI algorithms analyze thousands of medical images at lightning speed, pinpointing anomalies with unmatched accuracy. Google's DeepMind has developed systems capable of detecting diabetic retinopathy—a leading cause of blindness—with precision comparable to top ophthalmologists. AI is also predicting the onset of diseases like Alzheimer's, years before traditional diagnostic methods would even hint at it.

Treatment, too, has seen incredible breakthroughs. IBM Watson's AI system assists oncologists by sorting through thousands of research papers and clinical trial data to suggest treatment plans tailored to a patient's specific genetic profile. AI is not just enhancing precision but also saving invaluable time in emergencies.

Then there's robotic surgery—a true marvel of modern medicine. Robots like the da Vinci Surgical System allow surgeons to perform intricate procedures with minimal invasion, translating into quicker recovery times for patients. Think about this: How far are we from fully autonomous surgeries where robots operate independently under human supervision?

But with all its marvels, AI in medicine isn't without challenges. Data privacy looms large—how do we ensure sensitive health data remains secure? Moreover, can we strike the right balance between technology and the irreplaceable human touch of empathy in healthcare? The answers lie not in slowing down progress but in embracing innovation responsibly.

The digital doctor is here, and it's not replacing traditional medicine—it's amplifying it. For patients, this means better outcomes; for doctors, it's a new era of precision and collaboration.



BIOENGINEERED ORGANS: A SECOND CHANCE AT LIFE

The notion of "growing" organs sounds like it belongs in a sci-fi movie, but bioengineering has made it real. For those waiting years for a donor organ, this innovation could be life-saving. Scientists are now creating functional organs like livers, kidneys, and even hearts in labs, using stem cells and 3D bioprinting.

Take the case of bladder bioengineering, where patients with congenital conditions received lab-grown bladders tailored from their own cells. These breakthroughs are more than just marvels of biology—they're symbols of hope for the millions on transplant waiting lists.

However, these advancements raise crucial questions. Can we mass-produce these organs to meet demand? And how do we ensure accessibility for all, not just the privileged few? The journey of bioengineered organs is still unfolding, but it promises to redefine survival.

THE ETHICS OF MEDICAL INNOVATION: AT WHAT COST?

With every step forward, medical innovation stirs ethical dilemmas. When we unlock the power to rewrite the fabric of life, are we playing saviors—or gods? Questions like these challenge the morality of groundbreaking advancements.

Consider gene editing through CRISPR. With this technology, scientists can "edit" the DNA of embryos, potentially eradicating hereditary diseases before a child is even born. But where do we draw the line? Could this technology pave the way for "designer babies" with predetermined physical traits and intelligence?

AI in medicine raises its own ethical quandaries. If algorithms decide treatment plans, who is held accountable in case of error—the programmer, the healthcare provider, or the machine? And with tech giants handling vast amounts of medical data, can we fully trust their intentions?

Even in bioengineering, issues of equity loom. Lab-grown organs might become a luxury, accessible only to the wealthy, leaving marginalized communities behind. Who decides who gets a second chance at life when resources are limited?

These questions are not just academic—they demand action. The medical community, technologists, policymakers, and ethicists must collaborate to ensure that innovation serves humanity as a whole, not just a privileged few.

Despite these challenges, one thing is certain: the odyssey of medical innovation is unstoppable. What remains is the collective responsibility to steer it toward a future where health and hope are universal rights, not privileges.

This is not just an era of innovation—it's a revolution. So, the next time you hear about an AI breakthrough, a bioengineered organ, or a moral debate in medicine, ask yourself: What role will I play in this odyssey? Will I merely observe, or will I contribute to shaping the future of healthcare?

Movie Recommendations

ex machina

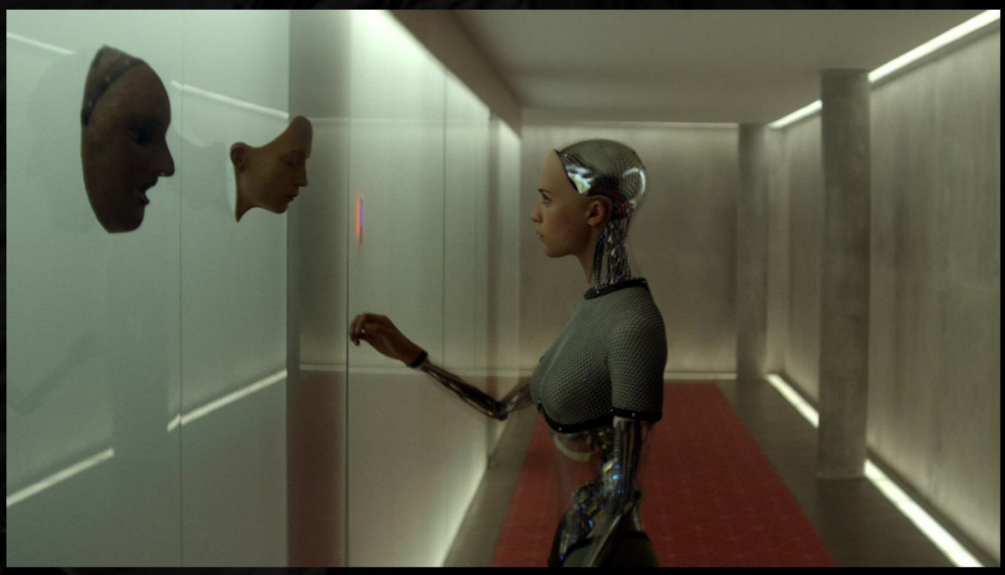
By Saurabh Jha

What happens if i Fail your test?

In this edition's "what to do this weekend" suggestion, let's dive into a movie that brilliantly navigates the intersection of ethical complexity and artificial intelligence. If you're ready to question what makes us human and what defines consciousness, buckle up—this film will keep you thinking long after the credits roll.

The narrative centers on Caleb, a young programmer who gets the opportunity to visit Nathan, the lone CEO of a cutting-edge software business, at his isolated, cutting-edge hideaway. Caleb soon discovers that Nathan is there for more than just a tour; he has created a sophisticated humanoid robot named Ava, and he wants Caleb to perform a Turing Test, which determines if Ava's artificial intelligence can pass for human.

Ava exhibits intelligence, mind, and even sensitivity in her incredibly complex design. The depth of her answers and the complexity of her feelings astound Caleb when he engages with her. Is she acting or is she really feeling? And does it really matter if her feelings are identical to those of humans? As their meetings go on, Caleb becomes obsessed with Ava, and soon he starts to doubt both his and Nathan's motives. A complex psychological conflict follows as Caleb finds himself caught up in a risky game of deception between Nathan, whose intentions appear to change with every encounter, and Ava. Caught up in a maze of lies and hazy reality, Caleb has to wonder if Ava actually has freedom or if she is just designed to imitate human behavior.

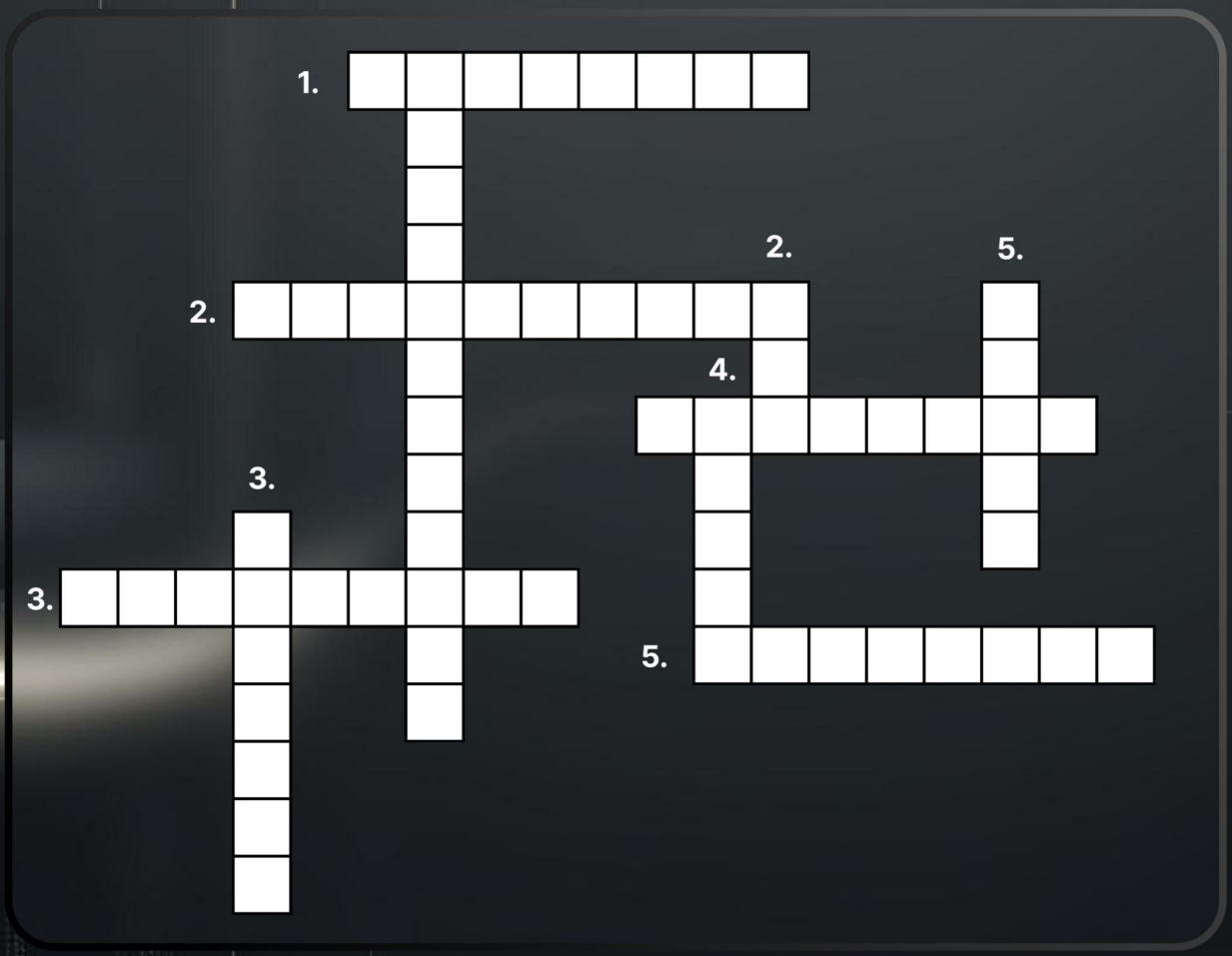


Ex Machina's examination of moral limits and the potential risks of uncontrolled AI distinguishes it from other science fiction. The movie questions whether or not we should develop AI that is similar to humans.

why watch it?

It's more than just a science fiction thriller; it's a serious examination of the moral dilemmas surrounding the development of lifelike robots and a relevant reflection on the future of AI. The film's director, Alex Garland, issues a troubling warning: as AI develops, it may potentially become unpredictable and even harmful. Are we ready to coexist with creatures as smart—and maybe crafty—as Ava?

CROSSWORD



Clues

Across:

1. Capable of intelligent thought
2. Return to a former state
3. A set of instructions given to a computer
4. Converts higher level instructions to machine-level language
5. A set of data that provides information about other data

Down:

1. An AI that simulates human judgment and behavior
2. Ability of a machine to understand human languages
3. To arrange in systematic manner
4. A device for modulation and demodulation
5. A data structure, that follows the order of insertion

Solutions

Sentient	Compiler
Expert System	Modem
Regression	Metadata
Queue	Sorting
NLP	Algorithm

TRIVIA

Q1 Sophia was developed to be used for research for the purpose of understanding human-robot interactions. What is the name of the Project?

a)Sophia b)The Humanoid Bot

c)Loving AI d)The AI Project

Q2 Computer games employ a form of artificial intelligence that mimics human decision-making capabilities. What is the name for these 'skillful' systems?

a)Expert systems b)Empirical systems

c)Logic systems d)Equalization systems

Q3 Watson was the natural outgrowth of the success of Deep Blue in the realm of chess. But this time the realm was the TV trivia game show "Jeopardy!". Which "Jeopardy!" champion's string of 74 wins inspired IBM executives to seek to develop a computer program that could beat him, a feat Watson accomplished in 2011?

a)Ken Jennings b)John Carpenter

c)Art Fleming d)Thomas J. Watson

Q4

Deep Blue was the first computer to beat a reigning world chess champion. Which Russian did Deep Blue beat in May 1997?

a)Bobby Fischer b)Garry Kasparov

c)Boris Spassky d)Vesselin Topalov

Q5

Machines mimic humans in these ways:

a)Creating perspectives b)Fight cybercrime

c)Using the learning to reason d)Save cost

SOLUTION

Q1 c)Loving AI
The Loving AI project aims to create emotionally aware robots like Sophia, enhancing our understanding of human-robot interactions.

Q2 a)Expert systems
These 'skillful' systems in computer games that mimic human decision-making capabilities are known as Expert systems.

Q3 a)Ken Jennings
Ken Jennings, the "Jeopardy!" champion with an impressive string of 74 wins, inspired IBM executives to develop a computer program that could beat him. In 2011, Watson achieved this feat by outperforming human contestants on the show.

Q4 b)Garry Kasparov
Deep Blue, the groundbreaking computer chess program, defeated the reigning world chess champion Garry Kasparov in May 1997.

Q5 a)Creating perspectives & c)Using the learning to reason
Creating perspectives: Machines can analyze data and generate insights, similar to how humans form perspectives based on information.
Using learning to reason: Like humans, machines learn from data and apply reasoning to solve complex problems.

Brains & Bones

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Special Thanks To

Faculty Coordinator Dr. Ajeet Singh

THE TECH DAIGEST
is published by

AI Club - VIT Bhopal