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RISING STARS

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Delving into the rich world of learning CLASSICAL MUSIC

PHOTO: **ORCHID CHAKMA**

DID YOU KNOW?

WHY PAHELA FALGUN IS CELEBRATEDONFEBRUARY 14 INSTEAD OF 13

PHOTO: **ORCHID CHAKMA**

The Bangla Calendar or Bangabda, in its current form, was adopted by the Mughal emperor Akbar, and later reformed by subsequent rulers. The ancient Sanskrit treatise on astronomy called "Surya Siddhanta" is considered the basis of this current calendar. However, the Bangla year originally was 365 days long, and it didn't include a mechanism to account for the fact that the Earth's orbit around the sun is 365 days 5 hours 48 minutes and 47 seconds.

In the 1960s, revered polyglot Dr Muhammad Shahidullah was given the responsibility to upgrade the Bangla calendar. He suggested to make the first five months 31 days long, the last seven months 30 days, and to simply add a day at the end of Falgun on leap years, making it 31 days long.

Since 2019, the first six months (not five) of the year have had 31 days. The rest of the six months of the year now had 30 days, other than Falgun, which had 29 days. On years divisible by four and not by 100, however, Falgun would have 30 days, taking into account the leap year.

This also meant that Pahela Falgun was once more shifted to February 14.

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THE INTERNET'S FAVOURITE CELEBRITY ANIMALS

PHOTO: **AFP**

PHOTO: **REUTERS**

ADRITA ZAIMA ISLAM

From grumpy cats to skateboarding dogs, celebrity animals have always ruled the internet like furry royalty. For these animals, it usually doesn't take much to reach stardom. One short viral video, a few hilarious memes, and boom – these animals end up with more genuine fans and followers than most human celebrities. It's the perfect mix of cuteness, personality, and often just the right amount of chaos.

People love a good laugh, a daily dose of adorableness, or even a dramatic pet with attitude. Whether it's a cat that is always looking grumpy or a dog that has become the face of internet memes, these animals bring joy and laughter to millions.

Last year, many such celebrity animals came under the spotlight as the internet couldn't get enough of them. Here's our pick of the modern-day internet's favorite celebrity animals.

Moo Deng

The moody and ungovernable pygmy hippo

A pygmy hippopotamus at the Khao Kheow Open Zoo in Thailand, Moo Deng – meaning bouncy pork – took the internet by storm in 2024 with her temper tantrums and adorable personality. Biting the zookeepers with her toothless mouth whenever angered, running around joyfully and falling countless times on her own slippery feet, and sleeping peacefully in her bed of grass without a care in the world, Moo Deng is perhaps the little diva that we all aspire to be.

Pesto

The fluffy king penguin

Equipped with fuzzy brown feathers and a build so large he towers over every other penguin in his vicinity, this king penguin has carved a space for himself in the hearts of millions around the world. This resident of the Sea Life Melbourne Aquarium in Australia has been dubbed as "chonky" for his fluffy build. Once he has finished molting, he will shrink considerably in size. But, for now, Pesto has claimed an unusually large spot in our lives with his cuteness.

Hua Hua

The onigiri-shaped giant panda

With their calm personalities, fluffy appearance, and nonchalant bamboo chewing, giant pandas have always been popular on the internet. Hua Hua, a member of the Chengdu Research Base of Giant Panda Breeding, however, rose amongst the ranks of celebrity animals due to her uncanny resemblance to a Japanese *onigiri* or rice ball. That, coupled with her leisurely gait and gentle, submissive demeanour, often relinquishing her treats to her other panda companions with no resistance, has managed to garner sympathy and love from countless global fans.

Celebrating women in comics: "Girls Do Comics" exhibition launched

"Girls Do Comics" – a landmark comic book exhibition created exclusively by 27 Bangladeshi female artists – opened on January 25, 2025, at the EMK Center, Gulshan 2, Dhaka. The event celebrated the creativity and storytelling talents of women, offering a fresh perspective on contemporary issues through comics and visual narratives.

Supported by EMK Center and Adhunika Foundation, and spearheaded by Cartoon People, the exhibition showcased two anthologies – *Porichoy* and *Lines And Dreams* – featuring over 200 pages each. These anthologies explore compelling themes such as identity, mental health, beauty standards, family dynamics, self-awareness, and our connection with nature.

The event was inaugurated by renowned fashion designer and cultural icon, Bibi Russel, Bangladeshi music director and singer-songwriter, Armeen Musa, and cultural activist and singer, Warda Ashraf.

Frobel Play School organises seminar to address the need for an equitable education system

Frobel Play School Dhaka, launched in August 2023, organised a seminar titled "Taking Bangladesh Towards Inclusion - No Child Left Behind" on January 25, 2025. The seminar aimed to address the need for an equitable education system in Bangladesh, focusing on integrating neurodiverse children into classrooms.

The seminar brought together educators, policymakers, and reformers to advocate for systemic changes, including raising awareness about hidden disabilities and the importance of early identification. Held at Frobel Play School Dhaka, the event sought to reform education in the 21st century and build bridges toward inclusion.

Md Mahbubur Rahman Billah, Director of Monitoring and Evaluation at the Directorate of Primary Education, Bangladesh, was the Chief Guest. Key objectives of the seminar included promoting the inclusion of neurodiverse children, emphasising the need for special educators, and introducing specialised courses in universities on learning disabilities.

The seminar on inclusive education in Bangladesh featured distinguished guests and experts. Insiyah Zohair Ali moderated the session on "Reforming Education for the 21st-Century Inclusive Classrooms". The panelists included notable figures such as Prof. M Nazmul Huq, former Professor of Education, Institute of Education and Research - Dhaka University (IER-DU), Munia Islam Mozumder, CEO, Teach for Bangladesh, and Maryam Noor Yunus,

Academic Advisor, Bangladesh Cambridge University Press and Assessment. The Guest of Honour at the event was Prof. Dr Syed Md Golam Faruk, Member of the Public Service Commission of Bangladesh. John Ekaju, Education Manager, UNICEF Bangladesh, also participated in the discussions.

In the second panel, moderated by Aouana Marzia Monadi, discussions focused on "Building Bridges: Toward Inclusive Education in Our Schools". Panel members for this discussion included Md Saidul Huq, Executive Director, Blind Education and Rehabilitation Development Organization (BERDO), Ayesha Mahmood, Lecturer, BRAC Institute of Educational Development (BRAC IED), and Dr Geet Oberoi, Founder and Special Educator, Orkids Foundation. Md Abdullah Al Mamun, Education Officer at the Directorate of Primary Education, was also part of this panel.

Mahbubur Rahman Billah presented key insights into advancing inclusive education. Local presenter Aouana Marzia Monadi and Key Presenter Dr Geet Oberoi also shared their expertise, with Huwra Tehseen Zohair Ali, Founder and Principal of Frobel Play School, presenting her vision on the topic.

After the seminar, a workshop titled "Invisible Disabilities in the Classroom" was conducted by Dr Geet Oberoi and was attended by 40 educators from various schools.

Frobel Play School Dhaka

Frobel Play School Dhaka, launched in August 2023, is the only inclusive preschool in the city, integrating neurodiverse children into mainstream classrooms. Building on the legacy of its Chattogram branch, it promotes a holistic education rooted in Froebel's philosophy.

The school emphasises a play-based, nature-driven curriculum that fosters emotional, academic, and social growth. Values like "Engage, Enquire, and Empower" guide the learning experience, with an emphasis on hands-on, interactive activities.

The school caters to children between the ages of two and six, offering specialised programmes in early childhood education and special education services to support diverse learners. A team of trained educators provides personalised attention, ensuring every child reaches their full potential.

The curriculum balances academic learning with social skill development, offering an inclusive environment for all abilities. Class days are structured to balance exploration and play, with diverse class options and therapy sessions. Under the leadership of Huwra Tehseen Zohair and Insiyah Zohair, the school has flourished, bringing fresh ideas while preserving its core educational values. Their commitment fosters a creative and supportive community for both students and parents.

DID YOU KNOW

The origin of Tanpura

The instrument commonly known as the tanpura was originally called the tambura or tanpuri. Over time, as the instrument evolved, the name tanpura became widely adopted. The tanpura has ancient origins, with references in Indian texts dating back over 2,000 years. The evolution of the tanpura in India can be traced back to early stick-zithers. Sculptures from the 6th and 7th centuries depict musicians playing long lutes, though it is challenging to identify the exact type of instrument shown.

PHOTOS: **ORCHID CHAKMA**

Delving into the rich world of learning classical music

BIPRA PRASUN DAS

Bangladesh boasts a rich musical heritage, where classical music holds a special place. Shaped by centuries of tradition, the practice of classical music has evolved over generations. Classical music has influenced South Asian contemporary music, with a large number of songs borrowing their melodies and structures from classical compositions. For young people growing up in a rapidly developing society, learning classical music presents both opportunities and challenges.

Learning classical music requires discipline, patience, and dedication. For many young learners, pursuing this art form means appreciating the technical and aesthetic aspects of music, developing a strong musical foundation, and immersing oneself in a world of endless learning.

"Classical music has taught me discipline, which is a crucial aspect of the art form. It has also helped shape my musical taste and personality. As a young musician, I now find that my training in classical music enables me to learn other genres with relative ease," says Ryem Nabi Anwar, a young high school student.

Several avenues are available to learn classical music in Bangladesh, including music schools and institutions, online platforms and tutorials, as well as both offline and online private tutors.

Chhayanaut Sangeet Bidyatan, one of the country's leading musical institutions, has a dedicated *Shuddho Sangeet* programme where anyone above the age of ten can learn vocal and instrumental classical music. In addition, Bengal Parampara Sangeetalay, Shurer Dhara, and Bulbul Academy of Fine Arts (BAFA) are institutions that have excellent classical music programmes. Many learners also opt for private lessons from experienced teachers.

"As someone who is a slow learner of classical music, I feel private lessons are better for me, as the lessons are tailored to my pace and style of learning," says Arunava Saha, a sixth-grade student who pursues classical music. Additionally, a wealth of online resources are available in the form of YouTube tutorial videos, websites with extensive music theory texts, and online courses by renowned teachers.

Sahiba Tasnia Tanushree, who moved to Sydney last year for her undergraduate studies, says that online resources have greatly helped her practice. "The availability of the tanpura online has helped me a lot, because I don't really have access to a physical one here. Although it feels a bit different from the real thing, it's pretty close."

For many young classical music learners, the joy of learning was a highlight. "It is challenging, but it also comes with the satisfaction and feeling of accomplishment every time I successfully learn a new composition. To think that there will always be new things to learn gives me something to look forward to," says Mrithika Das, a ninth-grade student who learns classical music.

Ryem also shares his love for the art, "The unpredictability of *Ragas* and the peace of mind that classical compositions provided made me fall in love with classical music."

Similarly, teaching classical music can also be a very fulfilling experience. "Knowing that I am helping my students become better musicians is a very rewarding feeling. Seeing them overcome difficulties with extremely detailed and intricate compositions gives me immense joy," says Sanjibon Sanyal, a classical music teacher who has been teaching students for over a decade.

However, the question remains, in a world where classical music is no longer mainstream, what motivates these young learners to continue learning?

For students, the challenge of balancing music with academics is significant, requiring parental support and careful scheduling. "Without my mother's support, I would not be able to pursue classical music while simultaneously dealing with the workload that comes with O level examinations drawing near. However, despite the mounting academic pressure, music helps me relax and unwind," Mrithika adds.

Ryem also emphasises the importance of support from family members. "My friends and family really appreciate that I pursue classical music, especially my family, who encourage me to practice daily," he adds.

"Most of my peers at school don't really know what it is I am investing so much of my time in, and it makes me quite sad really. I do it because I like to, and my parents support me. However, I do wish more people my age would understand and appreciate classical music," says Arunava.

Sahiba thinks that most classical musicians, herself included, devote themselves to it not for external validation but because of their love for the craft. "My motivation to pursue classical music has always been myself and my family, which I am sure is the case for most classical musicians by virtue of it being such a meditative and personal form of art," she says.

Sanjibon says a lot of his students start learning classical music to improve other aspects of their singing but eventually start enjoying the challenges and processes involved with the discipline. "A lot of young singers come to me to improve their pitch or other technical aspects of their singing. However, they continue learning classical music because they start enjoying the meditative process even after their initial goals have been achieved."

Classical music remains a niche genre for most people, but young classical musicians believe that both contemporary and classical music could benefit if elements of the latter were incorporated into the former. Contemporary pop and rock can diversify their sound, and classical music could gain more recognition.

"Mainstream media is beginning to use basic music theory, which often results in a lot of modern music sounding virtually the same," Ryem voices his concerns over the lack of implementation of classical elements in contemporary media.

As there are very few people who learn classical music, the number of people teaching it is also limited. There are also a handful of platforms to perform in as the target demographic is relatively smaller compared to other genres. Such factors demotivate young classical musicians.

As Bangladesh continues to develop, preserving classical music traditions is imperative. Moreover, it will require both effort and innovation. More government and private initiatives, such as subsidised music programmes and scholarships, could help make classical music more accessible to children from diverse backgrounds. All of this is to say that learning classical music is more than just an extracurricular activity – it's a journey into discipline, artistry, and cultural heritage. With dedicated teachers, supportive parents, and enthusiasm from young learners, classical music in Bangladesh has a promising future.

Bipra Prasun Das is a student and admirer of classical music. Send him your favourite songs at bipraprasun22@gmail.com

Places where you can learn classical music in Bangladesh

CHHAYANAUT SANGEET BIDYAYATAN

Chhayanaut offers a variety of short and long music courses for anyone above the age of seven. A lot of the courses are year-long programmes, but there are also courses that are three, four, and even six years long. Chhayanaut's entry-level programmes are perfect for anyone interested in giving classical music a shot.

SHURER DHARA

Shurer Dhara, a renowned music school located in Lalmatia, Dhaka, was established in 1992 by Rezwana Chowdhury Bannya – a distinguished alumna of Visva-Bharati and a music professor at Dhaka University. Apart from its junior and general sections, Shurer Dhara also offers music courses to pre-schoolers.

BENGAL PARAMPARA SANGEETALAY

Bengal Parampara Sangeetalay (BPS), a programme of the Bengal Foundation, was established in 2014 with an aim to revive classical music in Bangladesh. BPS welcomes pupils from ages 6 to 24 and offers training across various genres including khayal, dhrupad, etc.

POKÉMON TCG POCKET

A simplified spin on a beloved classic

SHAMS RASHID TONMOY

It seems the *Pokémon* brand continues to print money, and its latest offering is no exception. Released on October 30, 2024, the mobile game *Pokémon Trading Card Game (TCG) Pocket* quickly captivated fans old and new, reintroducing the iconic *Pokémon Trading Card Game* in a fresh, new, simplified format. Within just two days of its global launch, the game had amassed over 10 million downloads – a testament to the enduring appeal of *Pokémon* and the allure of its vibrant trading cards – and is going strong three months into its release.

Simplified, yet true to its roots

Bangladeshi kids from the '90s and early 2000s will remember *Pokémon* cards as the cool, shiny collectables that everyone seemed to be into back in the day. *Pokémon TCG Pocket*, at its core, offers a beginner-friendly version of the original *Pokémon TCG*. Where the original involves six Pokémon in play, 60-card decks, and six prize cards, *Pocket* condenses the experience: players use up to four Pokémon at a time, 20-card decks, and instead of prize cards, points are awarded for knocking out opposing Pokémon. The first player to reach three points wins, making matches fast-paced and easy to pick up.

Another notable change is the removal of Energy cards, which are needed to power up your Pokémon's attacks in the original TCG. Instead, *Pocket* auto-generates one energy per turn based on the chosen Pokémon types of your deck, streamlining gameplay and eliminating an arguably tedious aspect of the original format. These changes boil the game down to its essence, focusing on a mostly offence-heavy gameplay while still retaining strategic depth involving

unique abilities and attacks.

A visual treat

The beautifully illustrated Pokémon cards – arguably the heart of the game's appeal – are well-represented in *Pocket*. While some of the artwork is reused from existing cards, the majority of the cards feature original designs, ensuring the mobile game feels fresh. The result is a visually appealing collection that will entice both seasoned fans and casual players.

The game currently features over 320 cards across a major expansion called "Genetic Apex", a mini-expansion called "Mythical Island", and additional promo cards released frequently through events. With new sets on the horizon, *Pocket* is likely to sustain its momentum for the foreseeable future.

Accessibility

One of *Pocket's* greatest strengths is its accessibility. Matches are quick, typically lasting four to five minutes, making the game ideal for casual play. Players can open two card packs (each containing five cards) for free daily, with additional packs obtainable through in-game resources or real money. This allows players to collect a respectable number of cards without spending a dime, including coveted EX cards and rare full-art cards, which are not too difficult to obtain if you are a regular player. As such, the balance between free-to-play and paid elements feels fair – a major selling point for any free mobile game.

For beginners, this game serves as a fantastic entry point into the complex world of *Pokémon TCG*. By removing the intimidating layers of mechanics from the original format, *Pocket* provides a smooth learning curve. After just a few matches, even new players will feel confident enough to explore the deeper strategies of the full TCG.

Final thoughts

Pokémon TCG Pocket strikes a delicate balance between simplification and nostalgia. Its fast-paced gameplay, stunning card art, and accessible mechanics make it a standout title for both newcomers and long-time *Pokémon* fans. While it doesn't offer the depth of the original TCG, it excels in introducing the trading card game's fundamentals in an approachable, fun way.

Whether you're a lifelong collector, a casual *Pokémon* enthusiast, or a complete beginner curious about the TCG, this game is well worth your time. *Pocket* is more than a simplified version; it's a delightful celebration of all things *Pokémon*.

12A

INQIAD BIN ALI

CLANK!

The heavy iron trunk crashed on the floor.

'What happened?' hollered Mr Wahid.

'Nothing!' replied his son, Razeen, at the top of his voice to ensure his father heard him amidst the pandemonium. 'I accidentally dropped your trunk…'

'Are you *this thick*?' an enraged Mr Wahid asked without expecting an answer. 'You can't even do simple tasks!'

They were changing homes for the second time in four years. Naturally, things were pretty tense and hectic in Razeen's home. He was crossed at his dad but he had his reasons. Despite Razeen excelling in school and co-curricular activities, he couldn't settle down anywhere due to his father's job, which required them to move around often.

'I wasn't the one ordered to transfer during my secondary exams,' Razeen countered, with an anticlimactic cool voice.

Looking down at the floor, Razeen realised that the unlocked trunk had broken open. The contents inside the trunk scattered across the floor. He quickly got to cleaning the mess, more out of fear of his dad's wrath than saving time.

Rank badges, small bags, books, diaries, notebooks, files… That's when it caught Razeen's eye: a weathered, dusty, old envelope bearing a faint, unrecognisable logo. It was so old that the paper had turned brown and resembled rusted iron. The document inside felt smooth and slippery on the fingertips.

'Give it to me,' Mr Wahid ordered as he barged into the room and snatched the paper from Razeen's hand.

'But abbu, what is that?' Razeen asked.

'Will you help packing or not? We haven't got all day,' an exasperated Mr Wahid said as he shoved a supply of ropes and tape into Razeen's hands. 'Secure everything tightly. We don't want to lose any valuables while shifting.'

*

Razeen stood with his mother and relatives at the airport. They had all come to see him off on his flight to the USA.

He lived a few different lives since that frenzied day three years ago. Razeen aced both his secondary and higher secondary exams with distinction. On top of that, he was now a published researcher, with his works on psychology and mental health blazing new trails in school-level research – a noble concept in his nation.

However, he never quite attained his father's approval or affection. And now, as Razeen stood minutes away from flying to a new life, Mr Wahid wasn't by his side either. A stroke had taken him from this world one-and-half years prior.

'Not that it would've mattered,' mused Razeen.

Mr Wahid wouldn't even let his son near him in those last few days, opting to spend his final moments with his wife only. The tragedy almost derailed his plans. Razeen's mother nearly broke down grieving. To support his mother through the ordeal, he took a gap year.

'Baba, your abbu left you this,' the soft, affectionate voice of his mother interrupted his thoughts and the voluble relatives. His mother handed him a white envelope.

'Don't open it till you are airborne,' she said.

Upon taking the envelope, he noticed Mr Wahid's unmistakeable handwriting.

'To, Razeen Wahid,' the letter read.

Razeen silently stashed it inside his pocket.

*

All through immigration and boarding, the envelope kept him intrigued. He could've opened it while waiting for boarding to start, but Razeen's respect for his father outweighed his curiosity.

Upon reaching cruising altitude, he ripped the envelope open. In it was a handwritten letter by Mr Wahid for Razeen, which read:

Baba, if you are reading this, I may have been long gone from this world. But you're certainly succeeding in life, and making both your parents proud.

Do you remember the day we were changing homes, when you asked me about that old envelope? Today, I'll tell you all about it.

Till date, you've been told that you are our only child. This isn't true: you were supposed to have an older brother. We hid this from you to ensure you weren't burdened with any further pain or expectations.

I was supposed to go to England to do my Masters, obtain a PhD and ultimately settle there. Everything was set. Your mother and I were eagerly waiting for our new life to start.

Then, tragedy struck. On August 14, 1996, at 1:05pm, during our pre-flight checkup, the doctor revealed that your older brother had passed. The embryo had caused extensive internal damage to your mother. In the operation that followed, I almost lost your mother. The doctors said it's a miracle she even survived.

I couldn't leave your mother behind. So, I joined the military. Nine years later, you came along. I made it my life's mission to ensure you could follow your dreams. I didn't leave a single hair unturned and invested my life's savings to give you the best education and support.

Your successes were music to my ears. I wanted nothing more than to be your most fervent supporter and well-wisher. But I never outwardly showed it, and for that, I profoundly apologize. I wish I could've been a better father in this regard.

I once again say how proud I am of you. You are our only hope, and I see the fire in you which fuelled me in my youth. Never lose that drive, baba. Keep on being yourself, for you're truly unique. Godspeed.

Tears welled up in Razeen's eyes. Among the clouds, Razeen Wahid finally understood his father.

Upon regaining composure, his fingertips felt something familiar. Despite the faint print, the old, unused boarding pass's details were unmistakeable: *Rakeen Wahid, Oriental Airlines, Seat 12A.*

The exact same airline and seat Razeen was flying.

ILLUSTRATION: **ABIR HOSSAIN**

The pitfalls of AI EXPLAINED

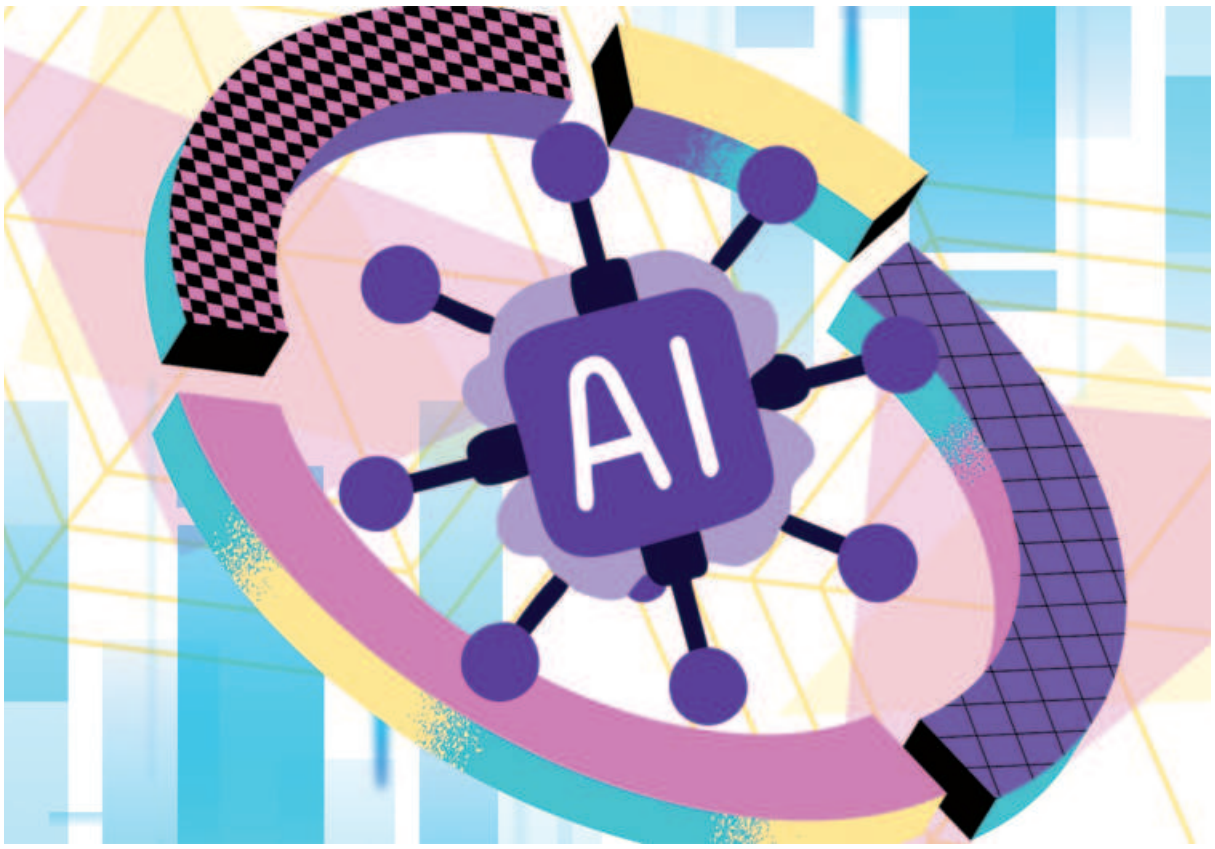

ILLUSTRATION: **ABIR HOSSAIN**

NUSRAT MEHERIN FAIZA

When I first came across artificial intelligence (AI), my initial thought was, "Finally, a tool that can help me with anything I need." Now, looking at how it has evolved and been adopted by humans, it's astonishing to see how AI has revolutionised industries, streamlined operations, and even attempted to emulate human creativity.

But alongside these advancements, an unexpected challenge has surfaced – AI hallucinations, a phenomenon as intriguing as it is complex.

Initially, the idea of AI hallucination reminded me of Christopher Nolan's *Inception* and *Memento*, movies where characters grappled with realities and false flashbacks. However, the concept of AI hallucination has no cinematic touch.

AI can sometimes be incorrectly decoded or lack an identifiable pattern. In other words, AI may "hallucinate" responses and provide false information due to gaps in its training data or flawed pattern recognition.

I experienced an AI hallucination when I asked an AI tool to explain a maths solution that it claimed was correct. After I questioned its accuracy, however, the AI rephrased its original solution and gave me a different answer.

While it's true that AI can make mistakes, it made me wonder: if such errors can occur in something as trivial as maths, what about more critical areas like medical diagnosis? Research shows that AI systems that analyse medical images may incorrectly classify nodules as cancerous, resulting in unnecessary invasive procedures and emotional distress.

AI hallucination is, of course, a significant issue, but it is not the only pitfall in AI. There are more such pitfalls that we, as users of this technology, might encounter daily.

Inaccurate summary

AI is widely used to summarise a complex topic or news piece, and users often encounter errors here as well. Recently, AI-integrated summaries on phones or laptops have been found to present misleading summarised information, which can cause misunderstanding. For instance, the recent iPhone 16 devices have repeatedly exhibited instances where their built-in summarisation tool provided inaccurate information, frequently omitting key details, or misrepresenting the overall news.

This issue highlights a broader problem – AI-generated summaries lack the nuanced understanding that humans bring to content analysis. Users who blindly trust such summaries risk being misinformed.

Bias in decision-making

AI models that are trained on biased datasets may unintentionally reflect bias. For example, job applications powered by AI systems have sometimes unfairly filtered out resumes from candidates who have certain ethnic names or specific educational backgrounds. These biases stem from historical inequities present in training data. Without active intervention during development, AI may perpetuate systemic discrimination.

Bias in data labeling

Data labeling is a crucial step in AI development that involves human workers, which can introduce biases based on their background and interpretations. For instance, image recognition software trained primarily on Western datasets may struggle to accurately identify people with darker skin tones or recognise clothing styles from other regions.

Labelers are, of course, made to adhere to clear guidelines. Unfortunately, cultural and contextual differences may sometimes result in unintended consequences. That, in turn, means that biases still manage to find their way into the training data, leading to biased outcomes or results generated by the AI.

Who bears the responsibility?

As errors in AI tools remain unresolved, who bears the responsibility for this?

Should accountability lie with the developer or the deploying organisation? The challenge is significant, but there are initiatives both developers and users need to take so that they can navigate the pitfalls.

Developers play a critical role in creating transparency and accountability in AI systems. Building tools that clearly explain their decision-making processes creates public trust and helps users better understand AI outputs. Additionally, testing and independent ethical oversight are essential to identify biases and inaccuracies before deployment to ensure that the AI systems align with societal values and remain fair in their applications.

On the user end, critical thinking skills are key to responsibly using AI content. Users need to understand AI's limitations and cross-verify information with reliable sources rather than solely relying on AI-generated responses. That way, they can mitigate the impact of misinformation and AI hallucinations.

We must navigate the complexities of AI with foresight, similar to how Nolan's characters had to navigate the lines of dreams and realities. The impact of AI is still unfolding, and it's up to all of us – users, developers, and policymakers – to ensure that it's a future of progress, not peril.

Developers play a critical role in creating transparency and accountability in AI systems. Building tools that clearly explain their decision-making processes creates public trust and helps users better understand AI outputs. Additionally, testing and independent ethical oversight are essential to identify biases and inaccuracies before deployment to ensure that the AI systems align with societal values and remain fair in their applications.

References*:*

1. The Cureus Journal of Medical Science (2024). *Revolutionizing healthcare: Qure.AI's innovations in medical diagnosis and treatment.*
2. BBC (December 13, 2024). *AI-integrated tools mislead users in news summaries.*
3. Bloomberg (2024). *AI hiring tools and racial bias: An investigation.*

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