

OpenAI Releases GPT-4, Successor to GPT-3.5

OpenAI released the latest version of ChatGPT, GPT-4, which can respond to images, process up to 25,000 words, and mimic different writing styles. It has safety features and has been trained on human feedback, but may still share misinformation.

ChatGPT answers queries in natural language and can imitate other writers, including songwriters and authors. OpenAI spent six months building safety measures for GPT-4, which was trained on human feedback. Despite this, there are concerns that it could replace human occupations. It may still have hallucinations and misinterpret data.

GPT-4 is available initially to ChatGPT Plus subscribers for \$20 per month and it's already powering Microsoft's Bing search engine platform, and the tech giant has invested \$10 billion into OpenAI.



SpaceX's Starship Inaugural Launch Explodes mid-air



On Thursday, April 20, SpaceX's Starship rocket exploded minutes after lifting off from a launchpad in Southern Texas. Although the most powerful rocket built to date failed to reach orbit, it gave the private spaceflight company significant insights as it worked towards a more successful mission.

At 9:33 a.m. Eastern time, the engines of the Super Heavy booster ignited in a massive cloud of fire, smoke, and dust, and Starship climbed steadily upward. A minute later, the rocket went through a key phase of maximum aerodynamic pressure for any rocket launch. Soon later, it began to tumble until exploding in a blaze high over the Gulf of Mexico. With SpaceX already planning the next test flight, it's worth noting that the launchpad appeared to be mostly undamaged after the massive rocket blasted off, and engineers will have a wealth of data from Starship's nearly four-minute flight to figure out what didn't work.



Apple's First Retail Store Debuts in India

India finally has an official Apple Store: Apple BKC and Apple Saket. The Tech-Giant opened its flagship retail store at Jio World Centre in Mumbai's Bandra Kurla Complex (BKC) on April 18 and another in Saket, New Delhi on April 20.

The company's CEO, Tim Cook, launched the 28,000-square-foot store to cheers from staff and hundreds of visitors, eager to tour the country's first Apple Store. "The energy, creativity, and passion in Mumbai is incredible! We are so excited to open Apple BKC — our first store in India," Tim Cook tweeted

Upcoming Events:

- Postman API Day - 16th May
- Globe-Tech Engineering Expo, Pune: May 25-28



Musk, Wozniak, and others Sign Letter Halting AI Research for 6 months

An open letter signed by over 1,100 people, including Elon Musk and Steve Wozniak, calls for a halt to the training of AI systems more powerful than GPT-4 due to AI hazards.

The signatories, including several AI professionals, want a "public and verifiable" pause that involves all major participants. If this cannot be done promptly, governments should impose a moratorium. They claim AI system development lacks planning and management.

OpenAI CEO Sam Altman responded to the letter, claiming the organisation prioritises safety in development and has not started training GPT-5. Altman also addressed Musk's recent criticism of OpenAI, stating he finds Musk's behaviour insulting but believes he is stressed about AI safety.



India Launches National Quantum Mission 2031



The Government of India approved the National Quantum Mission (NQM), a plan to advance research and development in quantum technology at a cost of ₹6,003.65 crore from 2023-24 to 2030-31. The mission aims to accelerate quantum technology-led economic growth and establish India as a major player in the quantum field.

The NQM will make India the sixth country to have a dedicated quantum mission, following the US, Austria, Finland, France, and China.

The plan includes developing intermediate scale quantum computers, satellite-based secure quantum communications, high sensitivity magnetometers and atomic clocks, and quantum materials and devices. Four thematic hubs will be established to support the mission's goals. The initiative aligns with national priorities like Digital India, Make in India, and Sustainable Development Goals.

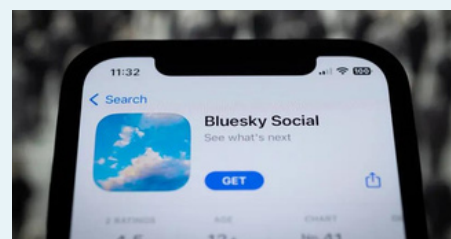
Bluesky, the Twitter Rival, Made its early Code Public

The buzz surrounding Bluesky, a new social media platform dubbed Twitter 2.0, has been intense this week. The open-source outgrowth of Twitter has published the early code for a decentralised social network protocol. The Authenticated Data Experiment (or ADX) system is available for testing by developers on [GitHub](https://github.com).

New York Representative Alexandria Ocasio-Cortez, a Democrat, and the model and cookbook author Chrissy Teigen are prominent Twitter users who have joined. Others are pleading for invitations to the event.

Bluesky intends to be a decentralised system, so users may ultimately be able to create their own applications and communities within it. Additionally, Bluesky operates using a "open protocol." This is atypical because social media platforms have historically been walled gardens, meaning that content posted on each platform remains exclusive to that platform.

– github.com/bluesky-social/atproto



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CSI Members' Achievements



Meet Vora
Rujuta Joshi
Shlok Mangle

The team of these **Third-year** students from the **Information Technology** Department have emerged as the **winners of Shark Tank**, the replica business competition event organized by the official festive committee of our college, DJS Trinity.

"**TimeBites** - Save time with Every Bite" was chosen as their business's tagline. The competition was a fantastic platform for teams to present their innovative business idea and showcase their prototype to a panel of highly qualified judges.

"Our team's hard work and dedication paid off, and we received valuable feedback from the judges that will help us refine our idea further. We are grateful for the opportunity to participate in the event and the recognition we received. Winning this competition has inspired us to continue pursuing our entrepreneurial goals with passion and enthusiasm" - **Meet Vora**

CONGRATULATIONS TO ALL THE ACHIEVERS!