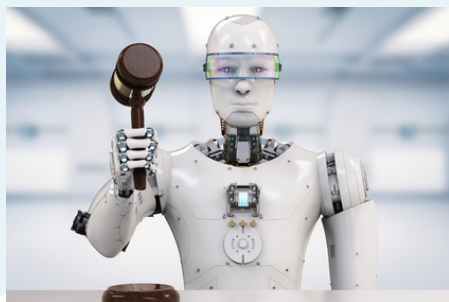


A Robot Lawyer that defends an actual Human client in a Court of Law

A ChatGPT-based Robot Lawyer was developed by a startup named DoNotPay to assist defendants fighting parking tickets and fines, and to prepare legal documents.

In February, history was about to be made when an AI bot would counsel the defendant in court. It runs on a smartphone and listens to every word said in the courtroom before giving the defendant instructions via an earpiece.

Lawyers and Bar associations soon threatened to charge DoNotPay's CEO with unauthorized practice of law. Hence, the CEO retired the 'Robot Lawyer'. AI will inevitably exhibit unexpected behaviour or make mistakes. Additionally, because AI bots cannot be sued, determining liability and compensation becomes complicated.



RBI starts CBDC e-Rupee Pilot Project



The RBI's CBDC pilot programme includes blockchain-based components. The pilot programmes for the Wholesale and Retail segments are called e₹-W and e₹-R.

The inter-bank market will become more efficient with the use of e₹-W.

The e₹-R is a digital token that functions as legal tender. It has the same denominations as paper currency and coins. It is distributed through financial intermediaries, chiefly banks. Users will be able to use e₹-R through a digital wallet offered by the participating banks.

The e₹-R has physical cash characteristics such as trust, safety, and settlement finality. The CBDC, like cash, will not earn interest and can be converted to other forms of money, such as bank deposits.

Based on the feedback received during the pilots, the RBI will gradually operationalize CBDC.



Hindenburg report makes Adani drop from third to the seventh-richest man

Hindenburg Research released on January 24 as a result of a two-year study, said that the Adani group had engaged in large, "brazen" stock manipulation and a "accounting fraud scheme."

The aftermath was a drop of 18.52% for Adani Enterprises, the group's flagship, that announced the 20,000 crore FPO on January 27.

Upcoming Events:

- OnePlus 11 and OnePlus Pad Launch event on 7 February, the brand's first-ever tablet
- Samsung's "Galaxy Unpacked" on 1 February
- Formula One car launch events and Pre-Season Testing

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Meta-owned WhatsApp working on a new app for Apple's macOS

WhatsApp presently offers a web-based Electron app for Mac users in addition to its browser-based web client.

WhatsApp is developing a new Mac app that will make greater use of system resources by utilising the Apple Mac Catalyst development environment.

File drag-and-drop and a spell-checker are two capabilities of the Catalyst app that are not present in the Electron version.

According to the reports, the new app has been in closed beta for a few months, but anyone may now download the file on macOS Big Sur or later via the WhatsApp website.

After installation, it will produce a QR code that users may scan with their iPhone to link their accounts with the WhatsApp iOS app.



New method discovered to reduce up to 90% CO2 emissions in steelmaking



University of Birmingham researchers devised a novel adaptation that can be retrofitted to existing facilities, avoiding the risk of stranded assets and resulting in immediate CO2 reduction and cost savings.

This drastic reduction is accomplished via a "closed loop" carbon recycling technology, which generates oxygen as a byproduct and may replace 90% of the coke generally required in existing blast furnace-basic oxygen furnace systems.

If adopted in the UK alone, it could save £1.28 billion in costs over five years while lowering overall UK emissions by 2.9%.

University of Birmingham Enterprise has filed a patent application covering the system and its usage in metal production.



Google's battle with ChatGPT continues...

Google's new AI – MusicLM turns text into music. Similar to how systems like DALL-E create visuals from written prompts, Google researchers have created an AI that can generate minutes-long musical compositions from text prompts and can even translate a whistled or hummed melody into different instruments.

Users cannot play around with this new model for themselves but Google has published a few of the samples it created using the model.

MusicLM can even replicate human vocals, and while it appears to get the tone and general sound of voices correct, there's a quality to them that's definitely off.

Google's research paper clarifies that they have no plans to release models at this stage citing risks of "possible misuse of creative content". Google has announced the public release of a dataset including over 5,500 music-text pairs, which may be useful in training and evaluating other musical AIs.

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CSI Members' Achievements



Jeet Doshi

A second-year student in the Information Technology Department, **won the Smart India Hackathon'22** together with his team "**Code Apocalypse**", winning a **cash prize of INR 100,000**.

Their problem statement was implementing an ecosystem to bring in system of Aadhaar enrollment and updation at the doorstep. Their team created two mobile applications using a system comparable to reference products: CoWIN, Swiggy, and Ola.



Sahil Paleja

A second-year student in the Artificial Intelligence and Machine Learning Department, secured **Second place at a National-level** and **First place at a State-level competition** for his **final-year Diploma project**.

The project involved an Internet of Things (IoT) based smart entrance system that employed automated Facemask Detection and Monitoring of Body Temperature, thus detecting the people who are possibly experiencing COVID symptoms.

CONGRATULATIONS TO ALL THE ACHIEVERS!