

● AFTER GEMINI MISHAPS

# Google shows AI model is ready for enterprises

JULIA LOVE & DAVEY ALBA  
April 9

GOOGLE UNVEILED A host of updates to its artificial intelligence offerings for cloud computing customers, emphasizing that the technology is safe and ready for use in the corporate realm, despite recent stumbles in consumer-facing tools.

At the company's annual cloud computing conference in Las Vegas on Tuesday, Cloud chief executive officer Thomas Kurian showed off how Google's most powerful AI model, Gemini, can be used to create advertisements, ward off cybersecurity threats and spin up short videos and podcasts.

Corporate customers will be able to peg Gemini's query responses to reliable sources of information, known as grounding. The company is rolling out the use of Google search results as a source for the AI model's answers, thereby providing greater accuracy and freshness, Kurian said.

"Enterprises have been piloting with us a number of scenarios with generative AI; now they're deploying them in production," Kurian said in an interview with Bloomberg ahead of the announcements. "The capabilities to do things like grounding, improving correctness of answers — all of those, step by step, people have gotten comfortable, they're seeing value, and they're deploying as a result."

Google, a unit of Alphabet, trails Amazon.com and Microsoft in cloud computing, but the market is one of the tech giant's best bets for growth as its core search advertising business matures. Google reported the first full year of profitability at its cloud unit in 2023 and hopes to use its prowess in AI to close the gap with rivals. After OpenAI's ChatGPT burst onto the scene in late 2022 and was quickly embraced by college students and the general pub-



THOMAS KURIAN, CEO (CLOUD), GOOGLE

ENTERPRISES HAVE BEEN PILOTING WITH US A NUMBER OF SCENARIOS WITH GENERATIVE AI; NOW THEY'RE DEPLOYING THEM IN PRODUCTION

Thomas Kurian, chief executive officer of Google Cloud, at the company's campus

lic, Google and its cloud competitors see 2024 as the year the technology conquers the corporate world.

The race among the tech powerhouses is on. Google's chief rival in artificial intelligence, the Microsoft-backed startup OpenAI, is also courtiering corporate customers. OpenAI now has more than 600,000 people signed up to use ChatGPT Enterprise, up from around 150,000 in January, chief operating officer Brad Lightcap said last week.

Google's enterprise push follows some embarrassing setbacks in the consumer market. In February, its flagship artificial intelligence product Gemini, which ingests enormous volumes of digital media to train software that predicts and generates content in response to a prompt or query, was roundly criticized after it spit out historically inaccurate images. CEO Sundar Pichai

blasted the responses as "completely unacceptable," and the Mountain View, California-based company stopped accepting prompts for people in its image generator while it works to address the concerns.

Yet Kurian presented generative AI in the enterprise space as a very different story. Businesses can use Gemini to create images for advertising campaigns, but the pro tool comes with 19 different controls to help marketers ensure that the content is in keeping with their brand, Kurian said.

Despite the fallout over the Gemini images, Google Cloud has continued to allow corporate customers to generate images of people using the enterprise version of the tool — and no customers have complained about the results, Kurian said.

"We had zero, zero issues with the reported issues that people had on the consumer side with Gemini for Work-

## ...unveils Arm-based data centre processor

GOOGLE ON TUESDAY revealed the details of a new version of its data center artificial intelligence chips and announced an Arm-based central processor.

Why it's important?

Google's tensor processing units (TPUs) are one of the few viable alternatives to the advanced AI chips made by Nvidia, though developers can only access them through Google's Cloud Platform and not buy them directly.

—REUTERS

space," he said. "There was not a single customer affected by it because we have capability in our enterprise platform for the company to control various elements of factuality, safety, model safety, responsibility."

Those controls will now be augmented by the ability for corporate clients to ground Gemini's responses in Google search. When this feature is enabled, the AI model will produce citations for every sentence of its outputs, based on its retrieval of information from Google search results. In a demonstration with Bloomberg on Friday, hours after an earthquake struck New Jersey, a Google employee showed how the default version of the model stated that there had been no recent earthquakes in the area; the version of the model grounded in Google search results correctly gave the magnitude of the tremor and said there had been no major reports of damage. —BLOOMBERG

# Why are tall fast bowlers using so many slower cutters into the pitch

VENKATA KRISHNA B  
Chennai, April 9

ON MONDAY NIGHT as Andre Russell lined-up to face Mustafizur Rahman in the 18th over, there was no surprise in what was to come.

Against a batsman who had hit 10 sixes already this season and has a strike-rate of 212.96, that Mustafizur would rely on slower deliveries was a given.

Yet, despite the predictability, the left-arm seamer walked away giving just 9 runs in the over.

In an IPL where two bouncers an over was supposed to be game changer and empower fast bowlers, it is these slower deliveries — especially the cutters, which are banded into the pitch — that are making it challenging for batsmen to fetch boundaries.

"The off-cutters with the older ball in the middle and end overs are very handy," Lakshminarayana Balaji, who was the bowling coach of Kolkata Knight Riders and Chennai Super Kings in the past, tells The Indian Express.

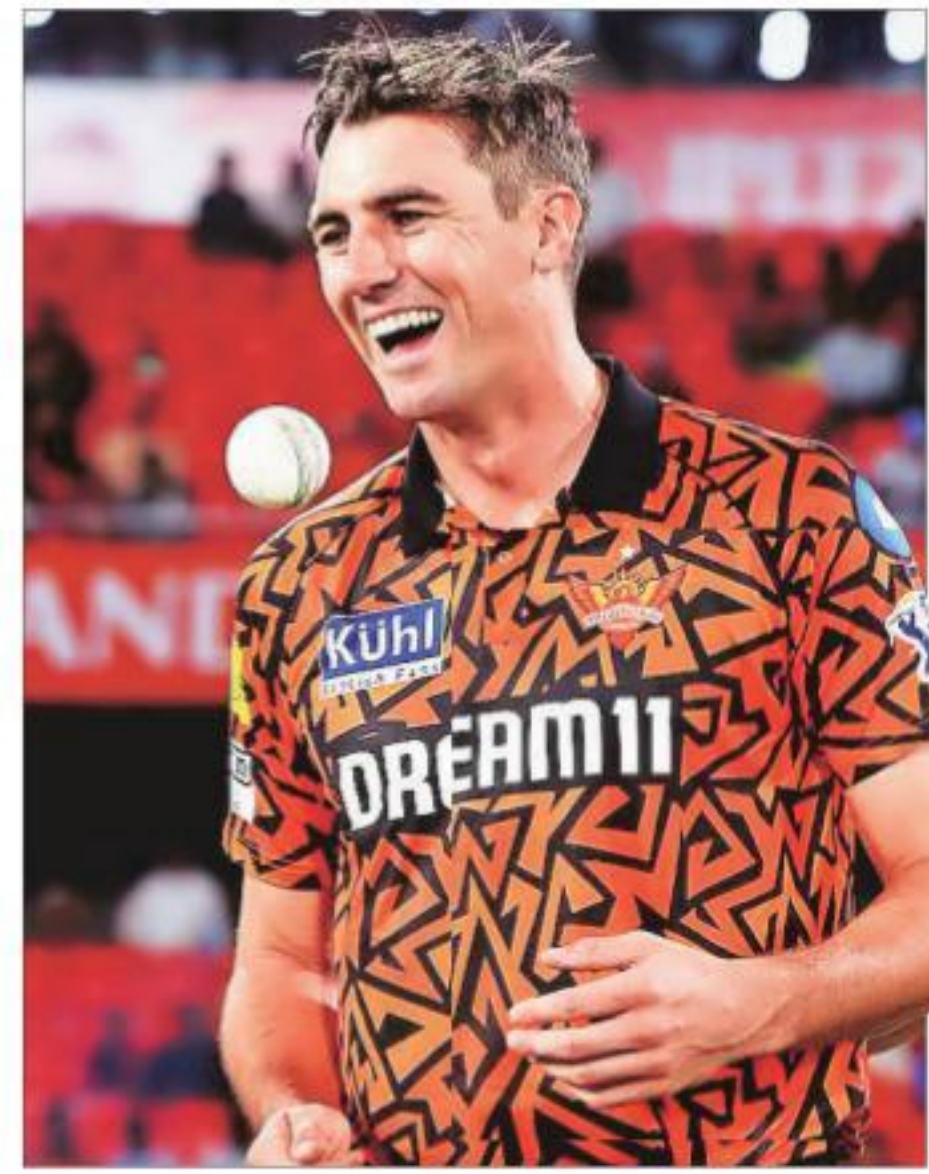
"Against left-handers, it becomes an attacking delivery because you are not just taking pace off the ball, but it is going away from their reach. You have more chances of getting a wicket."

"Against right-handers, it is a very good defensive option. Although it will come in the hitting arc, the lack of pace has given the batsman less time to adjust; unless he uses the muscles, midding it is difficult," Balaji reasons.

In that over, Mustafizur delivered seven balls to Russell (one no-ball and one wide) and out of those, four were on the fuller length.

And three of those landed outside the line of off-stump, forcing him to stretch.

The rest four were the cutters, which held up after pitching, and went away from a batsman who had already committed to use all his muscle. One delivery off which Russell got his boundary was



From Pat Cummins to Mustafizur Rahman, the taller bowlers are deploying the slower cutters and slower bouncers to great effect

PAT CUMMINS, WHO REGULARLY BOWLS AT OVER 140KMPH, CAN BOWL THE OFF-CUTTERS WITHOUT CHANGING THE ACTION

IN THE WORLD CUP FINAL, HE WAS VERY SUCCESSFUL IN USING THOSE

LAKSHMINARAYANA BALAJI

Dwayne Bravo, a death over specialist and master of slower deliveries, is their bowling coach, there is a reason why apart from Mustafizur others haven't used the cutters.

"We have seen a lot of pace off the ball deliveries into the wicket and it is more effective than may be our guys, who have to do it differently because they are not the same sort of height. We can apply the same for Pat Cummins and SRH attack...they are tall. But it is crucial to have a slower ball that gets the opposition talking. The main thing is to get into their heads," Simons, the assistant coach of CSK, and bowling coach of India's 2011 World Cup winning squad said.

From a batting perspective, these off-cutters have been challenging.

While the fullers slow deliveries could at least hit straight if picked early, the batsmen find the cutters more difficult. Despite having more time to react, the lack of pace especially after pitching means batsmen's range is cut short. The scoops and reverse-scoops are neutralised and so are the shots in the V.

"When you are a power-hitter, everyone likes pace on the bat. Every dimension and condition will determine what a bowler will deliver. The slower bouncer helps and when you have big side boundaries, this pace off the ball, into the pitch helps. It is not something everyone can bowl, only the taller ones use it. These slower balls create doubts in batsmen's mind," Abhishek Nayyar, the assistant coach of KKR said.

The last word, though, to Balaji. "Look, in T20s no delivery is a safe option as batsmen invariably figure a way out. Even with cutters, power-hitters can easily hit them for six. The key is in its deception."

the one that landed partly in line of the stumps.

Apart from Mustafizur, Pat Cummins, Trent Boult, Jaydev Unadkat, Andre Russell, Khaleel Ahmed, Gerald Coetzee have all used it to good effect so far. With wide yorkers and full-length slower deliveries coming with its own risk and the back of the hand slower balls harder to execute, the off-cutters into the pitch have become stock delivery of sorts.

"Apart from Mohit (Sharma) nobody bowls the back of the hand deliveries because it is hard to execute. Someone like Pat Cummins, who regularly bowls at over 140 kmph, can bowl the off-cutters without changing the action. In the World Cup final, he was very successful in using those. With the off-cutters, since you are using the wrists, you get good control as well," Balaji explained.

And more importantly, it is the taller fast bowlers who are making full use of these cutters. For instance, CSK have relied on wide slower deliveries that are in fuller length, giving the pacers protection with fields at deep cover. Though

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**सूचना / NOTICE**

रुकोठ द्वाारा कल्ला सन्तो ठरव्वा करे को सिचि मे पून-रिपेय के अघर पर चार मन्का (किम अकोके टा) और चार लोचि (किम EC-4216) के क्रमोफा / टोप (TL) श्रोपवे के बीजे के तारा तारा अघर को अपूर्ति के तिह अल्पवे (10 दिर) के ई-निविदा अनमर करे को सूचना।

Short term (10 days) e-Tender Notice invited for supply of fresh finished product of Certified / TL Categories Seeds of Fodder Maize (variety African Tall) & Fodder Cowpea (variety EC - 4216) on Ex-Godown Basis when packing material is provided by NSC.

For details, please visit NSC's website www.indiaseeds.com under Public Notice (Tender / Quotations). Online bid for the above tender may be submitted at NSC e-Portal: https://indiaseeds.enivida.com latest by 14:30 Hrs. of 19-04-2024. Corrigendum / addendum, if any, shall only be published in NSC's website.

क्षेत्रीय प्रबंधक, राष्ट्रीय बीज निगम, कोलकाता / Regional Manager, NSC, Kolkata

TP SOUTHERN ODISHA DISTRIBUTION LIMITED (Procurement Department) **TPSODL**  
BPR North Star Building,  
2nd Floor, Khodasajing, Berhampur, Odisha-760010

**NOTICE INVITING TENDER** Dt.: 10.04.2024

TP Southern Odisha Distribution Ltd. invites tender from eligible vendors for following:

| Sl. No. | Tender Description   | NIT Number            | EMD (Rs.) | Tender Fee inclusive of GST (Rs.) | Last date and time of Payment of Tender Fee |
|---------|--|-----------------------|-----------|-----------------------------------|---|
| 1       | Rate Contract for Supply of Collapsible FRP Ladder at PAN TPSODL | TPSODL/OT/2024-25/002 | 2 Lakh    | 5,000                             | 22.04.2024; 18:00 Hrs.                      |

For detailed tender, please visit Tender Section on TPSODL website https://www.tpsouthernodisha.com

**ICICI PRUDENTIAL MUTUAL FUND**  
Corporate Identity Number: U99999DL1993PLC054135

Registered Office: 12th Floor, Narain Manzil, 23, Barakhamba Road, New Delhi - 110 001.  
Corporate Office: ONE BKC, A - Wing, 13th Floor, Bandra-Kurla Complex, Bandra (East), Mumbai - 400 051; Tel: +91 22 2652 5000, Fax: +91 22 2652 8100, Website: www.icicipruamc.com, Email id: enquiry@icicipruamc.com  
Central Service Office: 2nd Floor, Block B-2, Nirlon Knowledge Park, Western Express Highway, Goregaon (E), Mumbai - 400 063. Tel: 022 2685 2000 Fax: 022 26868313

**Notice to the Investors/Unit holders of ICICI Prudential Mutual Fund Half-Yearly Portfolio Statement of Schemes**

NOTICE is hereby given that the half-yearly portfolio statement of schemes of ICICI Prudential Mutual Fund for half year ended March 31, 2024 has been hosted on the website of ICICI Prudential Asset Management Company Limited (the AMC) viz. www.icicipruamc.com and on the website of Association of Mutual Funds in India (AMFI) viz. www.amfiindia.com in accordance with Regulation 59A of Securities and Exchange Board of India (Mutual Funds) Regulations, 1996, read with para 5.1.3 of SEBI Master Circular No. SEBI/HO/IMD/IMD-PoD-1/P/CIR/2023/74 dated May 19, 2023.

Investors may accordingly view/download the portfolio statement of schemes from the website of the AMC.

Investors can also request for the physical/soft copy of portfolio statement of schemes through any of the following modes:

1. Give a call at our Contact Centre at:
  - MTNL/BSNL : 1800 222 999
  - Others : 1800 200 6666
2. Send an email to enquiry@icicipruamc.com
3. Submit a letter at any of the AMC Offices or our CAMS Investor Service Centres, details of which are available on the AMC website viz. www.icicipruamc.com.

For ICICI Prudential Asset Management Company Limited  
Sd/-  
Authorised Signatory  
Place: Mumbai  
Date: April 09, 2024  
No. 006/04/2024

To know more, call 1800 222 999/1800 200 6666 or visit www.icicipruamc.com

Investors are requested to periodically review and update their KYC details along with their mobile number and email id.

To increase awareness about Mutual Funds, we regularly conduct Investor Awareness Programs across the country. To know more about it, please visit https://www.icicipruamc.com or visit AMFI's website https://www.amfiindia.com

**Mutual Fund investments are subject to market risks, read all scheme related documents carefully.**

**Bandhan Mutual Fund**

**NOTICE**  
**Half-Yearly Portfolio Statement of schemes of Bandhan Mutual Fund (formerly IDFC Mutual Fund):**  
NOTICE is hereby given that pursuant to Regulation 59A of SEBI (Mutual Funds) Regulations, 1996 read with SEBI provision stated under Clause 5.1.3 of the Master Circular dated May 19, 2023, half-yearly portfolio statement of schemes of Bandhan Mutual Fund for period ended March 31, 2024 has been hosted on the website of Bandhan Mutual Fund - https://www.bandhanmutualfund.com and on the website of Association of Mutual Funds in India (AMFI) - www.amfiindia.com. Investors can view or download the same from the website of the Bandhan Mutual Fund.

Investors can also request for the physical/soft copy of portfolio statement of schemes through any of the following modes:

- a. Send an email to investormf@bandhanamc.com
- b. Submit a letter at any of the AMC Offices or our CAMS Investor Service Centres, details of which are available on the www.bandhanmutualfund.com.
- c. Contact us at our toll free number 1-800-2666688/1-800-3006688

Place : Mumbai  
Date : April 09, 2024  
**Mutual Fund investments are subject to market risks, read all scheme related documents carefully.**

**CANARA ROBECO**

**Canara Robeco Mutual Fund**  
Investment Manager : Canara Robeco Asset Management Co. Ltd.  
Construction House, 4th Floor, 5, Walchand Hirachand Marg, Ballard Estate, Mumbai 400 001.  
Tel.: 6658 5000 Fax: 6658 5012/13 www.canararobeco.com CIN No.: U65990MH1993PLC071003

**NOTICE-CUM-ADDENDUM NO. 04**  
**Change in the Key Personnel and Fund Management Responsibilities of certain schemes of Canara Robeco Mutual Fund:**

The unitholders of Canara Robeco Mutual Fund ("CRMF") are requested to take note of following changes in key personnel and change in fund management responsibilities:

**A. Changes in Responsibilities of Key Personnel:**  
The responsibilities of Mr. Amit Kadam shall stand revised as under with effect from April 10, 2024 ("Effective Date").  
Mr. Amit Kadam, Assistant Fund Manager, a Key Personnel of Canara Robeco Asset Management Company Limited ("CRAMC") shall be redesignated as Fund Manager.  
Accordingly, his designation appearing in Section 'Information on Key Personnel' of the Statement of Additional Information ("SAI") of the CRMF stands modified as above.

**B. Changes in Fund Managers:**  
Consequent to above all Unitholders are requested to take note of the following change in the Fund Management Responsibilities of below schemes of CRMF with effect from April 10, 2024:

| Scheme Name                            | Existing Fund Manager                              | New Fund Manager                           |
|--|--|--|
| Canara Robeco Focused Equity Fund      | 1. Mr. Shridatta Bhandwadar (Fund Manager)         | 1. Mr. Shridatta Bhandwadar (Fund Manager) |
|  | 2. Mr. Amit Kadam (Assistant Fund Manager)         | 2. Mr. Amit Kadam (Fund Manager)           |
| Canara Robeco Conservative Hybrid Fund | 1. Mr. Avnish Jain (For Debt Portfolio)            | 1. Mr. Avnish Jain (For Debt Portfolio)    |
|  | 2. Mr. Shridatta Bhandwadar (For Equity Portfolio) | 2. Mr. Amit Kadam (For Equity Portfolio)   |

This addendum shall form an integral part of the Scheme Information Document ("SID") and Key Information Memorandum ("KIM") of the aforesaid Schemes and SAI of AMFI as amended from time to time. All other terms and conditions of the SID and KIM of the aforesaid Schemes and SAI of CRMF shall remain unchanged.

**Unit holders are requested to visit www.canararobeco.com to claim their Unclaimed Redemption & Dividend/IDCW amounts and follow the procedure prescribed therein.**

For and on behalf of Canara Robeco Asset Management Company Ltd.  
(Investment manager for Canara Robeco Mutual Fund)  
Date: 09-04-2024  
Place: Mumbai  
sd/-  
Authorised Signatory  
**Mutual Fund investments are subject to market risks, read all scheme related documents carefully.**

Ahmedabad