
Department of Data Science
Weekly Data Science Bytes

AI is going to cause massive labour shortage', says Groq CEO Jonathan Ross



- As fears of AI-driven job losses continue to grow, Groq CEO Jonathan Ross says the technology won't cause job shortages but instead “will create a labour shortage.” In a video shared on the social media platform X (formerly Twitter), the Groq CEO says he believes “that AI is gonna cause massive labour shortages. I don't think we're gonna have enough people to fill the jobs that are gonna be created”
- Ross goes on to say that the technology would cause a “massive deflationary pressure”, hinting that AI would dramatically reduce the price of almost everything.
- “This cup of coffee is gonna cost less. Your housing is gonna cost less. Everything is gonna cost less, which means people are gonna need less money because you are gonna have robots that are going to be farming the coffee more efficiently, you're going to have better supply chain management.”

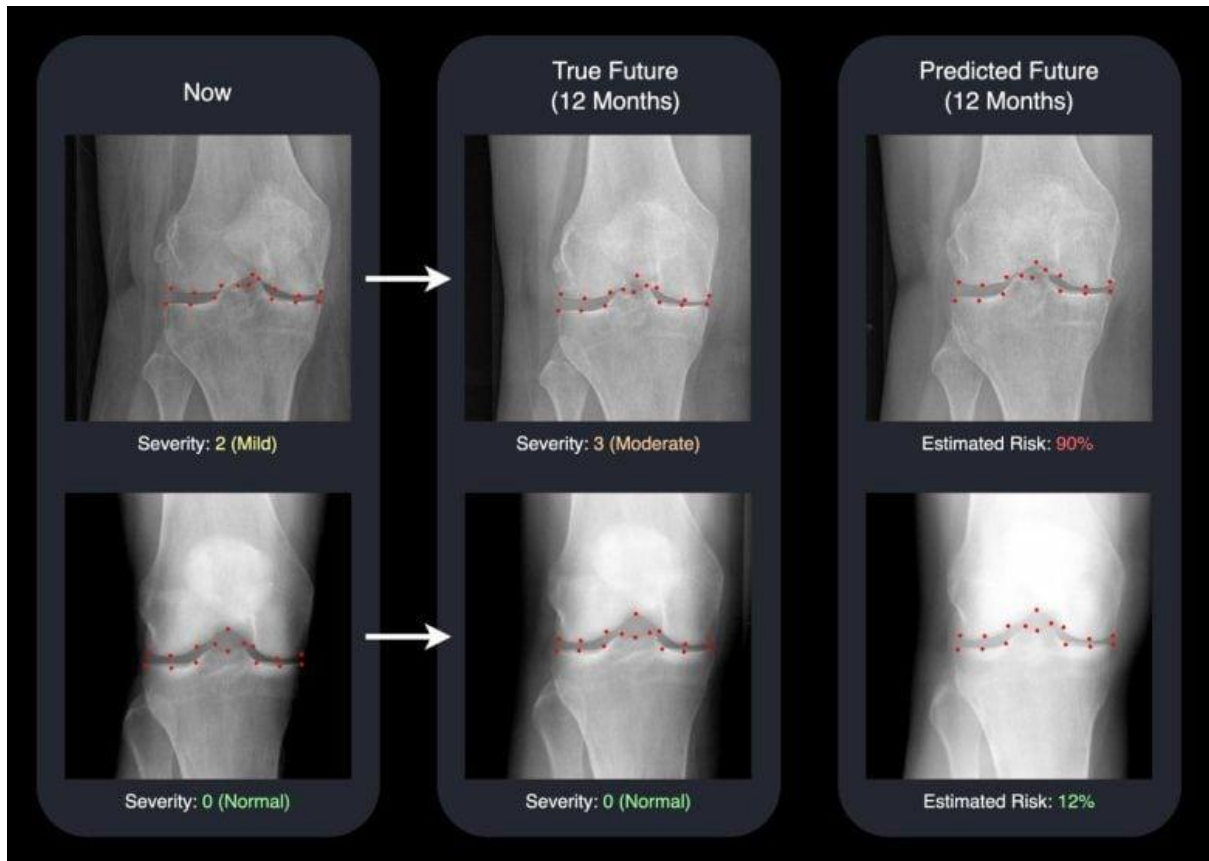
Source: [AI is going to cause massive labour shortage', says Groq CEO Jonathan Ross | Technology News - The Indian Express](#)

This Robot Learned to Talk by Watching Humans on YouTube



- Scientists have created a robot that learns lip movements by watching humans rather than following preset rules. The breakthrough could help future robots feel more natural and emotionally engaging.
- When people speak face to face, a surprisingly large share of attention is directed toward the movement of the lips. Robots, however, have struggled for decades to reproduce this basic part of communication. Even the most advanced humanoid machines often rely on stiff, exaggerated mouth motions that feel cartoonish, assuming they have a face at all.

AI Brings Tomorrow's X-Rays to Life, Helping Doctors Fight Arthritis Sooner



- Researchers at the University of Surrey have created an artificial intelligence system that can estimate what a patient's knee X-ray may look like one year into the future. The technology could significantly change how people with osteoarthritis understand their condition and make decisions about treatment and lifestyle changes.

Turning Data Into Visual Predictions

- The findings were presented at the International Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI 2025). The study explains how the Surrey team uses advanced machine learning to produce a realistic "future" knee X-ray together with a score that estimates how likely the disease is to progress. When viewed together, these results give both doctors and patients a clearer and more visual sense of what may lie ahead.

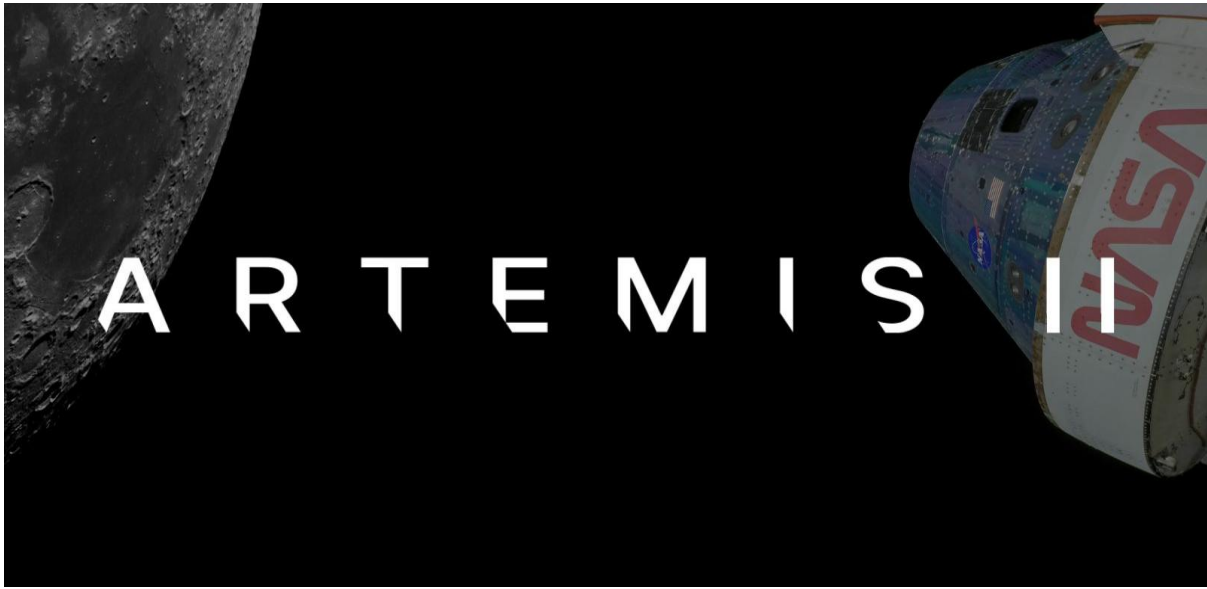
Source: [AI Brings Tomorrow's X-Rays to Life, Helping Doctors Fight Arthritis Sooner](#)

Developers still don't trust AI-generated code



- It may come as no surprise that a huge percentage of developers don't trust AI-generated code, but many also say it's becoming more difficult to check for errors created by coding assistants.
- As AI coding assistants take over an ever-increasing amount of programming work, human coding teams are struggling to find the time to spot the errors, development leaders say. Coding assistants are improving the quality of their output, but they have also tended to become more verbose — writing more lines of code to fix a problem — making it harder to spot errors when they pop up, according to coding experts.
- As a result, a major problem with AI-generated code is arising: developers sometimes spending more time reviewing AI output than they would have spent writing the code themselves.

Your name could fly to the Moon: Nasa's Artemis programme to begin soon



- Nasa is working on another historic mission for human space exploration through Artemis II, which is going to send astronauts farther than any human has ever gone before in the 21st century. The Artemis II mission is expected to lift off as early as February 6, with backup launch opportunities later till April.
- Once launched, the mission will send four astronauts on a roughly 10-day journey around the Moon. This will be the first time humans travel beyond low-Earth orbit and circle the Moon since the final Apollo mission in 1972.
- The crew includes [Nasa](#) astronauts Reid Wiseman, Victor Glover, and Christina Koch, along with Canadian Space Agency astronaut Jeremy Hansen. Together, they will travel aboard the Orion spacecraft, which will loop around the Moon before returning to Earth. The mission is designed to test systems and procedures needed for future lunar landings.

Source: [Your could fly to the Moon: Nasa's Artemis programme to begin soon | Technology News - The Indian Express](#)

AI may just get its place under the sun in the Union Budget 2026



AI may be the most overused over the past one year and more, but will it take its rightful place as the centre-piece in Nirmala Sitharaman's budget outing this year?

- Or, as many fear, will it be pulled under the weight of the precarious present geo-political situation, where a perfect storm of tariffs abroad and lack of consumption uptick internally is causing its own crises that the Modi government has to deal with on priority?
- Either way, there is no doubt that artificial intelligence (AI) is barely a flavour of the season—by now it is clear that it is going to be an era-defining technology that does not just offer advancements, but could well redefine the global pecking order of nations by their AI prowess.
- Naturally, India wants to be up there and is leaving nothing to chance.

Source: [AI may just get its place under the sun in the Union Budget 2026- The Week](#)