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**Department of Data Science**  
**Weekly Data Science Bytes**

**Reason why Artemis II new photo of Earth has huge difference to previous images**



- "I don't know if it's the picture quality or atmosphere, but it looks dull now," one person penned on social media, while a second added: "The old Earth image looks sharper while this new image looks dull. Camera quality or climate change?", a Colombia-based photographer, took to X to explain why the photo looks so different.
- The expert explained: "Why does it look more washed out than the one from '72? Because it turns out that on the side of the Earth we see in that photo, it's nighttime; if you zoom in, you can see the glow of nighttime lighting.
- "But how, if it's nighttime, can it look like daytime? Because the photo was taken with a super high ISO of 51200! ISO is the sensor's sensitivity to light. With most digital cameras, at ISOs over 6400, the noise is so much that the photo looks practically unreadable."

## Why are astronauts using aging tech? NASA spaceflight expert has the answers



- According to Hutt, it all comes down to testing, cost, and reliability. Space hardware isn't something you can just swap out every year like a smartphone. Every single component has to go through extensive certification and testing, which takes years and costs a fortune. So once a device is approved, NASA sticks with it.

Source: <https://www.digitaltrends.com/space/why-are-astronauts-using-aging-tech-nasa-spaceflight-expert-has-the-answers/>

## American auto safety regulator has a ‘good news’ for Elon Musk



- The National Highway Traffic Safety Administration (NHTSA) has closed its probe into Elon Musk-owned Tesla’s “actually smart summon” feature. The auto safety regulator said that the feature, covering over 2.59 million vehicles, was linked only to low-speed incidents with no injuries or fatalities. As reported by news agency Reuters, the agency stated that closing the probe does not mean that a safety-related defect did not exist, adding that it reserves the right to take further action if warranted.
- What is Tesla’s “actually smart summon” feature Tesla’s “actually smart summon” feature enables users to remotely move vehicles over short distances such as in parking areas or private property. The car can be maneuvered using a smartphone app while maintaining continuous supervision. According to a Reuters report, the agency concluded that most of the reported incidents involved vehicles striking obstacles such as parked cars, garage doors or gates, often early in a summon session when visibility or situational awareness was limited. Tesla has addressed the issues identified in the probe through a series of over-the-air software updates, the US auto safety regulator said.

## OpenAI, Anthropic, Google join hands to combat AI model copying in China



- Rivals OpenAI, Anthropic PBC, and Alphabet Inc.'s Google have begun working together to try to clamp down on Chinese competitors extracting results from cutting-edge US artificial intelligence models to gain an edge in the global AI race.
- The firms are sharing information through the Frontier Model Forum, an industry nonprofit that the three tech companies founded with Microsoft Corp. in 2023, to detect so-called adversarial distillation attempts that violate their terms of service, according to people familiar with the matter.
- The rare collaboration underscores the severity of a concern raised by US AI companies that some users, especially in China, are creating imitation versions of their products that could undercut them on price and siphon away customers while posing a national security risk. US officials have estimated that unauthorized distillation costs Silicon Valley labs billions of dollars in annual profit, according to a person familiar with the findings who described them on condition of anonymity.

Source: [https://www.business-standard.com/technology/tech-news/openai-anthropic-google-join-hands-to-combat-ai-model-copying-in-china-126040700085\\_1.html](https://www.business-standard.com/technology/tech-news/openai-anthropic-google-join-hands-to-combat-ai-model-copying-in-china-126040700085_1.html)

**“TECNALIA is moving towards more human, flexible and sustainable robotics to bring real value to industry”**



- Robotics is moving towards a new stage where understanding the environment, collaborating with people and adapting to complex tasks is as important as automation itself.
- The [European Robotics Forum \(ERF\) 2026](#) brought together the most important advances in the sector, highlighting applied research and technology transfer as drivers of real transformation.
- At this event, TECNALIA shared developments ranging from human-robot interaction and flexible robotics to agricultural automation and sustainability, showing how smarter and more collaborative robotics can generate a tangible impact in a wide range of industries and value chains.
- Human-robot interaction and agricultural robotics TECNALIA colleague [Leire Bastida](#) moderated a human-robot collaboration workshop and took part in another session together with [Pablo Malvido](#) (University of Tampere), presenting the progress of the [AgRimate project](#).
- In their presentation, they showed how robotics, AI and new handling techniques enable the automation of pruning tasks in vineyards, helping operators and improving precision in complex environments. A clear example of robotics that understands the context and assists people.

## NIC recruitment 2026: Applications open for 243 Scientist B posts, direct link to register here



The screenshot shows the NIC Scientist B Recruitment 2026 website. The header includes the NIC logo, the Government of India, Ministry of Electronics and Information Technology, and the text 'National Informatics Centre, Scientist B Recruitment 2026'. Below the header is a navigation bar with a 'Home' link and a search icon. The main content area is titled 'LOGIN TO ACCESS YOUR ACCOUNT, COMPLETE NEW REGISTRATION AND DOWNLOAD IMPORTANT INFORMATION & INSTRUCTIONS TO ENJOY UPDATES.' and is divided into three columns: 'STEPS TO APPLY ONLINE' (listing steps like online registration, application form, fee payment, and confirmation page download), 'Register yourself for the above-mentioned examination' (listing steps like profile registration and address details), and 'Already registered Candidate' (listing steps like login and application continuation). The footer includes a disclaimer 'This site is designed, developed and hosted by NIC' and the NIC logo.

- The Government of India's National Informatics Centre (NIC), under the Ministry of Electronics and Information Technology, has invited applications for the post of Scientist-B through direct recruitment. A total of 243 vacancies have been announced across Computer Science, Electronics, and emerging domains like Data Science and Artificial Intelligence.
- The recruitment offers an opportunity for engineering graduates to join a premier organisation driving India's e-Governance and digital transformation initiatives. Established in 1976, NIC has played a major role in building ICT infrastructure and implementing technology-driven governance systems across central, state, and district administrations. Candidates will be shortlisted based on their GATE scores, making this a highly competitive and merit-driven selection process