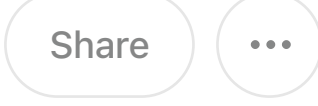


# Weekly Progress Roundup

An exciting week for the space industry, a few things you should know about AI, and more.

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## It's been a huge week for the space industry

In case you still doubt that we're living in a golden age of space travel, during the past week alone:

- Blue Origin sent its [first rocket to orbit](#).
- India became [the fourth country](#) to complete a space docking.
- Starship had its seventh test flight (with [mixed results](#): they caught the booster but the upper stage disintegrated into a beautiful [stream of debris](#)).
- SpaceX "[rideshares](#)" launched [two private lunar landers](#) and a [spacecraft](#) intended to manufacture pharmaceuticals in orbit.

## Artificial intelligence is levelling the educational playing field

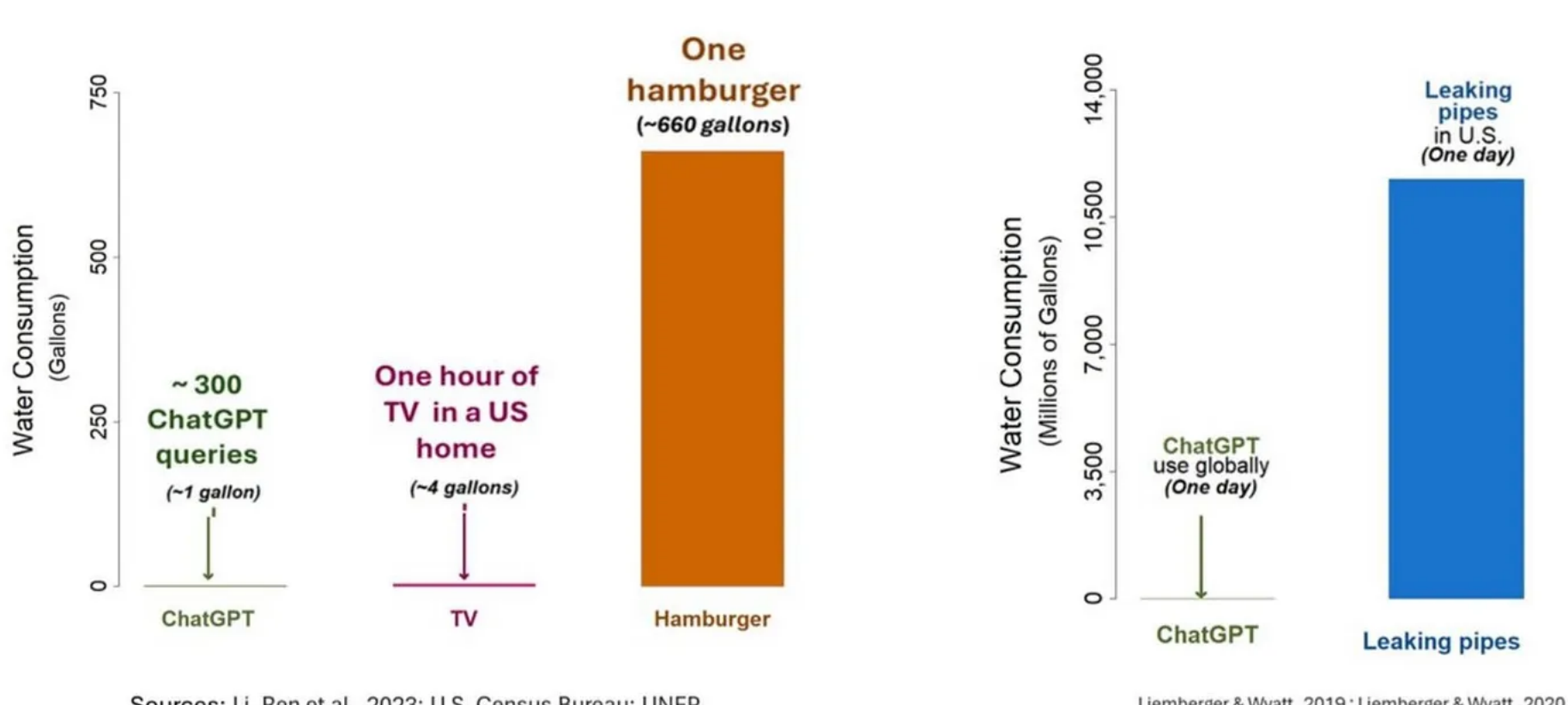
World Bank researchers recently published [the results](#) of an AI tutoring trial in Nigeria. It was an incredible success: the students learned more in the six-week program than they would have otherwise learned in two years. And this was measured using a pen-and-paper exam, so the kids weren't just faking it with ChatGPT.

What will education look like when every student has a genius-level tutor in their pocket?

## ChatGPT is not actually very bad for the environment

It's become common knowledge in some circles that AI is a water and power hound, with every query hastening the collapse of Earth's climate. This view lacks proper perspective, which effective altruist and blogger Andy Masley kindly gives us in a recent post. Below is one of many excellent charts from [his article](#).

### Water consumed using ChatGPT vs other activities



Thanks for reading Doomslayer! This post is public so feel free to share it.



## Culture & Tolerance:

- [Liechtenstein Marriage Equality Law Takes Effect](#)

## Economics:

- [Remittances to Poor Countries Reached \\$685 Billion in 2024](#)
- [Poverty Down Sharply in India Since 2012](#)
- [Multidimensional Poverty Rate Drops to Below 1 Percent in Vietnam](#)
- [Poverty in Indonesia Drops by 1.84 Million People Since 2023](#)
- [In the Last 30 Years, Almost All of Bangladesh Gained Electricity](#)

## Energy & Environment:

- [Endangered Bonobo Population Stable in Congo](#)
- [The North Sea Is Bouncing Back](#)
- [Yellow River Protection Efforts Making Progress](#)
- [Endangered Seabirds Return to Pacific Island After 100-Year Absence](#)
- [Scientists Discover Enormous Water Reservoir in Oregon Cascades](#)
- [The Rise of Nuclear-Powered Batteries](#)
- [Near-Extinct Siberian Crane Is Recovering](#)
- [Critical Ocean Current Has Not Declined in the Last 60 Years](#)
- [Molten Salt Nuclear Reactor in Wyoming Hits Key Milestone](#)

## Health & Demographics:

- [Positive Results from New Type of Islet Cell Transplantation](#)
- [AI Uses Throat Vibrations to Work Out What Someone Is Saying](#)
- [Researchers Develop Cancer Blood Test Enabling Early Detection](#)
- [Seventy Really May Be the New Sixty for English Baby Boomers](#)
- [Malaria Deaths in Kenya Drop by 93 Percent over Eight Years](#)
- [Novel Test Can Detect Different Types of Asthma via Nasal Swab](#)
- [Global Burden of Diarrheal Diseases Has Declined Substantially Since 1990](#)
- [J&J's Combination Lung Cancer Treatment Adds a Year to Patient Survival](#)

## Science & Technology:

- [Amazon's Satellite Project Pushes Ahead with UK Broadband Plans](#)
- [How Uber and Lyft Are Gearing Up for the Robotaxi Revolution](#)
- [Parkinson's Tremors Disappear with Use of Ultrasound Machine](#)
- [Meta Creates Speech Translator That Works in Dozens of Languages](#)
- [Scientists Re-Create the Microbial Dance That Sparked Complex Life](#)
- [New Andean Observatory Could Expand Our Knowledge of the Cosmos](#)
- [Scientists Find Links Between Head Trauma, Herpes, and Alzheimer's](#)

## Violence:

- [Zimbabwe Abolishes Death Penalty](#)