DAY OF AI

IMPACT REPORT 2024

Helping every K-12 student and teacher thrive in the age of artificial intelligence

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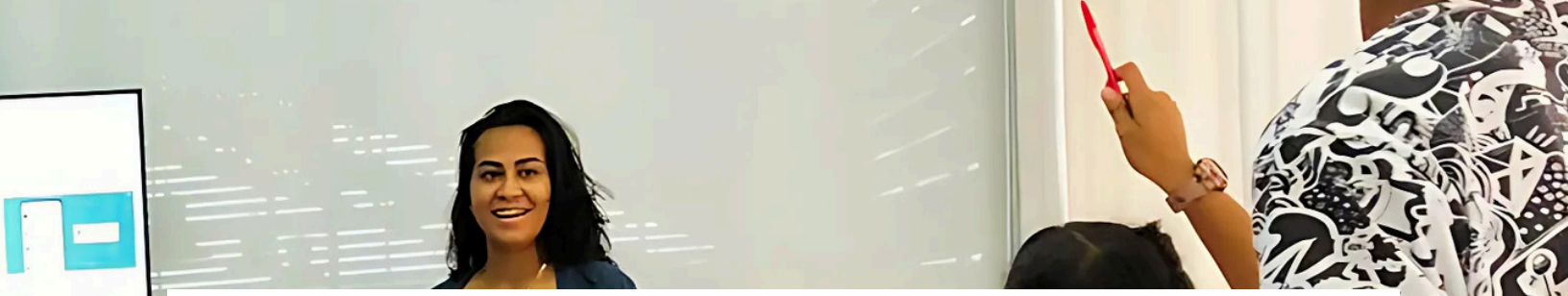
CLUB



ABOUT DAY OF AI

AI IS FOR EVERYONE

Imagine a school where the buzz of discovery fills every hallway. Young learners use AI-powered story generators, sparking their imagination for their class book project. In social studies, students thoughtfully craft opening arguments for their upcoming debate on the ethical implications of using AI for homework. Meanwhile, in art studio, students harness AI to create interactive installations. Teachers don't just teach their students about this new technology, they embrace it to create lessons that foster critical thinking and creativity, empowering their students to become responsible users and creators of AI.

This isn't a faraway fantasy; it's the tangible impact of Day of AI. Founded in 2024, Day of AI is a not-for-profit organization spun out of MIT RAISE (Responsible AI for Social Empowerment) dedicated to empowering to every K-12 student and teacher in the world with AI literacy.

To accomplish this goal, Day of AI provides free, hands-on AI literacy curricula that introduce artificial intelligence to K-12 students (ages 4 to 18). Combining the experience and insight of public educators with AI researchers, the Day of AI lessons were designed to be taught in classrooms even if teachers have little or no technology background. Plus, all resources are free and adaptable under a Creative Commons License.

> Our generation has to really work with AI and get to know it better.
>
> Day of AI is really important as we're the generation that's taking this new stuff - like no generations before us have grown up with AI. It's really important for us to be able to use AI as a tool.

Raveena Stephen
Student, New England Innovation Academy

DAY OF AI IN 2024

In 2024, Day of AI's central, United States-based team reached over 400,000 students and teachers globally. Additionally, our accessible resources catalyzed international initiatives in Vietnam, the Philippines, India, the UAE, Latin America, and Australia, impacting another 270,000+ students and 15,000 educators.

Day of AI's USA team also expanded our professional development workshops. Our in-person and virtual workshops help educators worldwide responsibly integrate AI into their teaching and learning, empowering communities to understand and address AI's implications for their schools. We are grateful to the community of educators, students, staff, researchers, and supporters who helped make this transformative work possible.

BY THE NUMBERS

Registrants since 2021

30,000+

Countries Reached since 2021

173

THIS YEAR

New Online Users

11,000

Students Reached

670K

Global Day of AI Celebrations

7

Unique Virtual Workshop Attendees

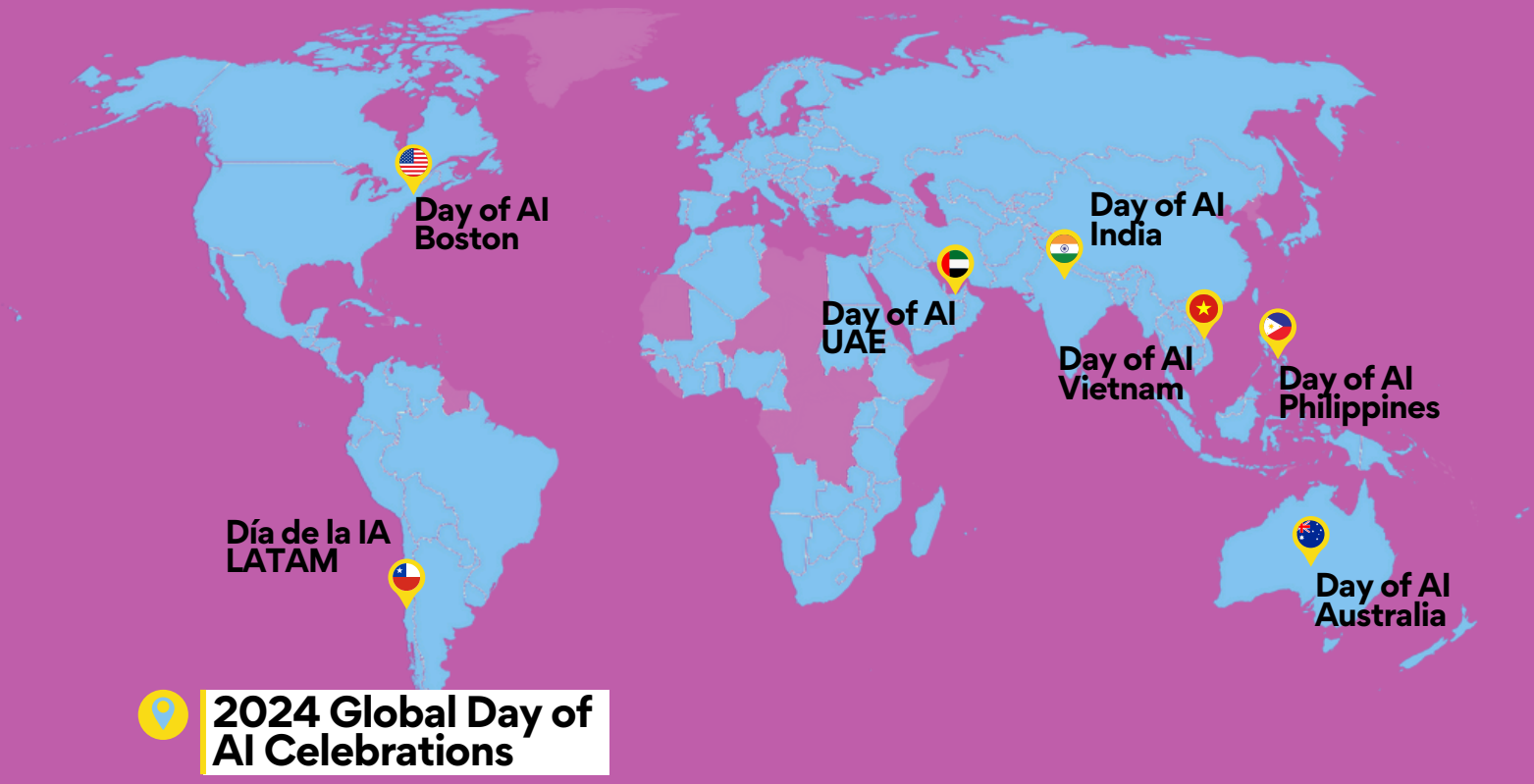
806

RECRUITMENT & PARTICIPATION

The Day of AI program is actively promoted through various channels, including social media, professional educator networks, and government-led initiatives. We engage individual educators as well as regional leaders to teach Day of AI lessons in their classrooms or launch initiatives. We especially welcome educators without any background in STEM subjects or expertise in computer science, to help ensure that AI literacy is accessible to everyone.

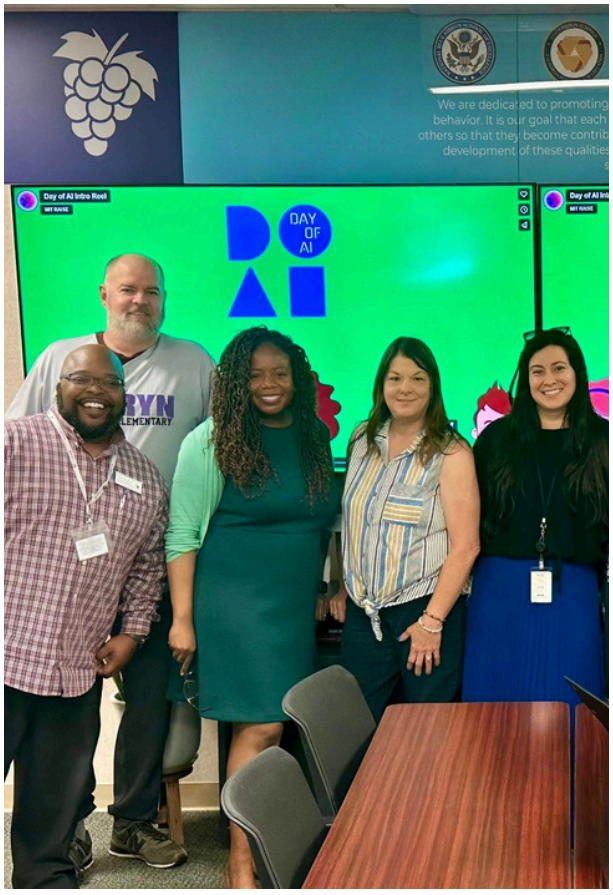
Based on self-reported data, we estimate that **Day of AI reached over 670,000 students worldwide in 2024.** Although this figure only approximates our impact, we're excited to continue seeing our program's exponential growth through every year of its existence. This year alone, more than 5,000 new teachers from all 50 states in the U.S. registered for Day of AI on our website. Internationally, educators from India, Poland, and Canada constituted the largest groups among the over 170 countries that have accessed our resources. Additionally, our international partners have successfully provided resources and training, translated into their native languages. **Learn more at dayofai.org/global-outreach**.

INTERNATIONAL USER MAP



> This is becoming a global movement. We want to help educate an AI-literate world because AI is transforming what it means to be a digital citizen.
>
> Cynthia Breazeal
> Director MIT RAISE

EDUCATOR TRAINING



We dove into empowering students with the essentials of #AI and machine learning. Excited for all the knowledge these teachers will bring to their students! #CSforAll #DayofAI

San Bernadino County Schools,
Digital Learning @SBCSS_EdTech

The Day of AI team offers professional learning workshops for educators, schools, and districts interested in AI literacy training. In-person and online training offerings cover K-12 AI curriculum, strategies for incorporating AI tools, and developing school AI policies.

99%

Praise our workshops as informative and well-taught

75%

Felt prepared to bring AI to classrooms after 2 hour training

AI Literacy for Students. Designed for K-12 educators and instructional coaches, our flagship AI literacy workshop prepares educators to implement AI activities in their classrooms confidently.

AI Tools for Educators. This session covers the inner workings of generative AI tools so that educators and school leaders are better prepared to understand the opportunities and challenges of bringing these technologies to classrooms.

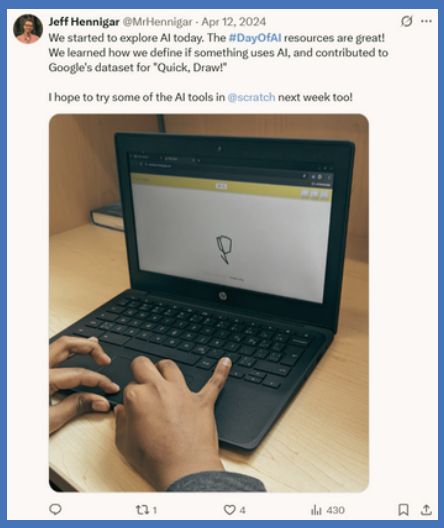
We'd be happy to work with you to schedule workshops that meet your educator's and staff's needs. **Get in touch at contact@dayofai.org.**

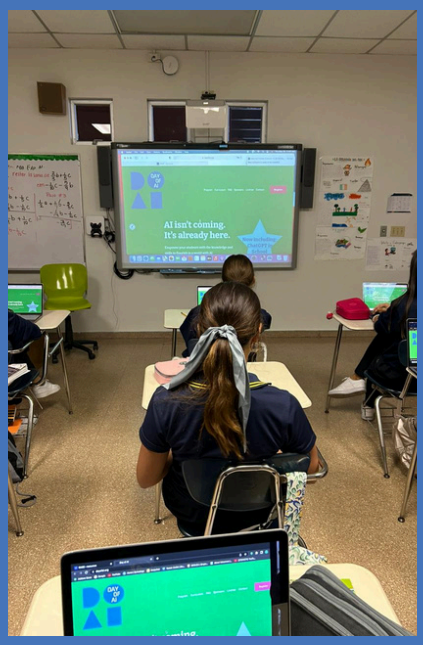
In 2024, we attended several workshops with local and national education leaders, school administrators, and educators worldwide.

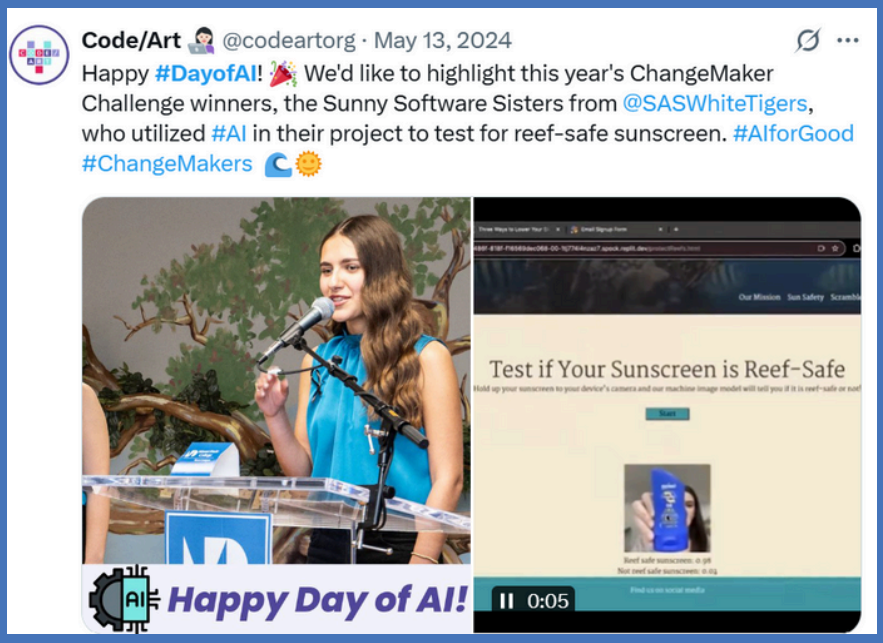
MASSACHUSETTS SUMMIT

In October 2024, we partnered with MIT RAISE to host a summit for over 150 Massachusetts educators across 17 districts, hosted at the gorgeous MIT Media Lab conference space.

YouTube


Jeff Hennigar @MrHennigar · Apr 12, 2024
We started to explore AI today. The #DayOfAI resources are great! We learned how we define if something uses AI, and contributed to Google's dataset for "Quick, Draw!"
I hope to try some of the AI tools in @scratch next week too!
1
4
430


AI isn't coming.
It's already here.


Code/Art @codeartorg · May 13, 2024
Happy #DayofAI! We'd like to highlight this year's ChangeMaker Challenge winners, the Sunny Software Sisters from @SASWhiteTigers, who utilized #AI in their project to test for reef-safe sunscreen. #AIforGood #ChangeMakers
Happy Day of AI!
Test if Your Sunscreen is Reef-Safe
0:05

Sarah Kral @KralSarahM · May 13, 2024
Blairsville Elementary students embarked on an incredible AI journey. Through engaging activities, our young minds delved into artificial intelligence. Setting the foundation for future tech leaders, we embraced the power of understanding AI. #DayOfAI

CURRICULUM

The Day of AI curricula, created in collaboration with MIT RAISE, features hands-on activities promote critical thinking, multidisciplinary exploration, and responsible AI use. All activities are free to use, adapt, and share under a Creative Commons -BY-NC-SA license.

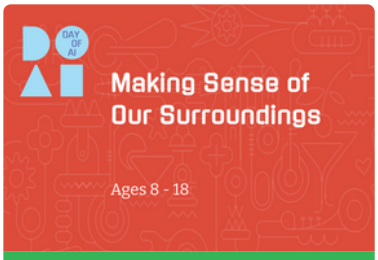
Modules are available for lower elementary (ages 4-7), upper elementary (ages 8-10), middle school (ages 11-13), and high school tracks (ages 14-18). Each module includes 4 to 8 hours of curriculum with online and unplugged activities in 30-45 minute blocks.
Access it all for free at: dayofai.org/curriculum

NEW MODULES

Each month, close to **10,000** visitors download our online resources.

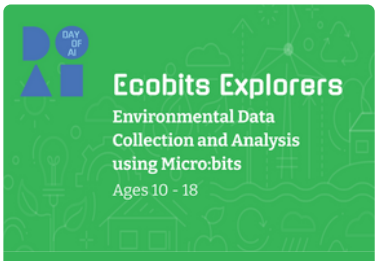
Using AI for Creativity

Developed with Yarn Media, engages young learners in hands-on lessons about AI's role in the creative process.



Making Sense of Our Surroundings

Introduces basic data science literacy through the lens of human senses and climate change.

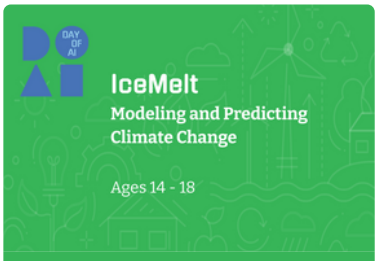


Ecobits Explorers

Covers the fundamentals of collecting, analyzing, and visualizing data using micro:bit and MIT AppInventor.

Telling Climate Stories with Data

Introduces data analysis and machine learning so students can tell localized stories about the impact of climate change.



IceMelt

Applies fundamental data literacy skills to predicting how climate change may impact lake ice using MIT AppInventor

DAYOFAI.ORG HAS EVERYTHING YOU NEED

PROFESSIONAL DEVELOPMENT

Our Professional Development page empowers educators to lead in the age of AI and offers a range of learning opportunities. Collaborate with us to create a tailored PD series for your school or district, or sign up for free virtual workshops as an individual. Plus, check out our new online course, Generative AI for Educators, developed with Google and MIT RAISE.

INTERNATIONAL

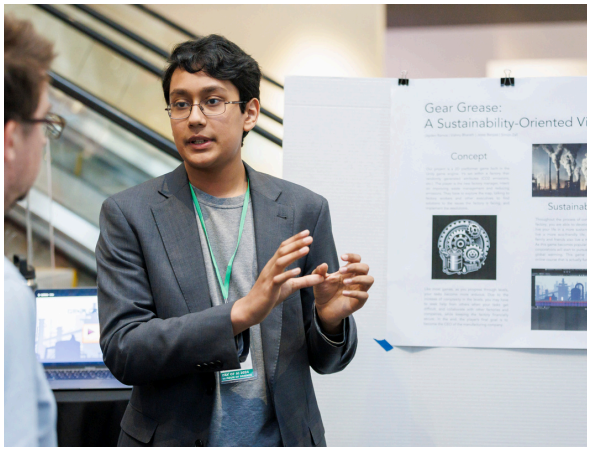
Our expanded International page highlights Day of AI's growing global reach, showcasing successful initiatives and providing resources for future partners. Explore step-by-step collaboration guides, curriculum adaptation tools, and translated materials in Spanish, Portuguese, and, new in 2024, Arabic. Connect with us to join our mission to bring AI literacy to every student and every teacher.

FAMILY RESOURCES

Recognizing the vital role of families in supporting AI literacy, our new Family Resources page offers accessible materials for parents and caregivers. Discover a concise What is AI for Families lesson and one-page curriculum summaries in English, Haitian Creole, Spanish, and Arabic, empowering families to engage in meaningful conversations about AI with their children.

ANNUAL DAY OF AI BOSTON EVENT

On May 13, 2024, we held our third annual Day of AI event at the Museum of Science Boston. Representatives from MIT leadership, the Boston Mayor's Office, and NASA attended the event, with more than two dozen local middle and high school students presenting their Day of AI projects.



HIGHLIGHTS FROM DAY OF AI BOSTON

- Guest speakers spoke with students about the importance of their efforts to learn AI, and how new technologies are transforming work.
- Students from New England Innovation Academy shared their projects on AI and climate change.
- Day of AI released its new release of new data science and climate change curriculum.
- MIT App Inventor announced the winners of the 2024 Global AI Hackathon. They received hundreds of submissions of App ideas incorporating AI around climate sustainability and wellness themes.

JOIN US FOR DAY OF AI BOSTON

The fourth annual next Day of AI Boston celebration, highlighting the new AI and Creative Arts curriculum, will be on **June 5, 2025** at the **Museum of Fine Arts**. Reach out for more details at contact@dayofai.org.

STAY IN TOUCH

@DAY-OF-AI

@DAYOFAI_US

@DAYOFAI_USA

DAYOFAI.ORG

THANK YOU

Day of AI is made possible thanks to the generous support of our funders:

ABOUT MIT RAISE

MIT RAISE (Responsible AI for Social Empowerment and Education) is an MIT initiative to innovate learning and education in the era of AI. Headquartered in the MIT Media Lab, RAISE is a collaboration with the MIT Schwarzman College of Computing and MIT Open Learning. In response to accelerating AI-driven change, the RAISE mission is to advance equity in learning and education. They aspire for people to know how to use AI responsibly, have an informed voice to shape how AI is used in society, and prepare a diverse and inclusive workforce that can design and apply AI responsibly to make a better world.

Teaching AI can be as easy as 1, 2, 3

1) Register at dayofai.org

2) Download our free AI curricula

3) Participate in our professional development workshops

Day of AI isn't just one day—it's your day to explore AI as it fits your schedule! Whether you do a single lesson or use materials throughout an entire year, we are committed to your success.

Get Started!