

Query 1: Not relevant query, but has “whale” for checking img search

127.0.0.1:7860

SetupArticle QA

Article Q&A System

Ask questions about AI news from The Batch articles

Your Question

What do you know about the whales?

Filter by Categories (optional)

Weekly Issues

Andrew's Letters

Data Points

ML Research

Business

Science

Culture

Hardware

AI Careers

Start Date (optional)

2025-10-01

End Date (optional)

2025-11-01

Number of Results

5

Use Hybrid Search (BM25 + Semantic)

110

Ask Question

Answer

I don't have enough information in the retrieved articles to answer that question. The articles provided discuss various AI and technology topics, such as customizing Claude, Google's Veo 3.1, HunyuanImage-3.0, and Google's AlphaEarth Foundations, but do not mention whales. If you have a specific question related to the topics mentioned in the articles, I'll be happy to try and assist you.

Skills remakes Claude with custom instructions

Google's Veo 3.1 adds native audio and new editing tools

2025-10-20

Data Points

<https://www.deeplearning.ai/the-batch/skills-remakes-claude-with-custom-instructions/>

issue 286

2025-01-29

Weekly Issues

<https://www.deeplearning.ai/the-batch/issue-286/>

Earth Modeled in 10-Meter Squares

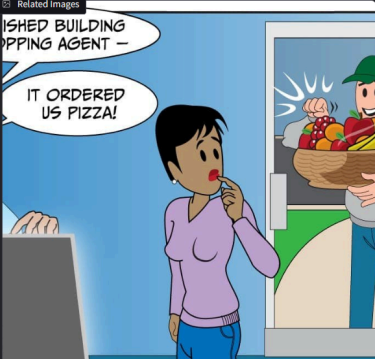
Google's AlphaEarth Foundations tracks the whole planet's climate, land use, potential for disasters, in detail and at scale

2025-10-01

ML Research, Science

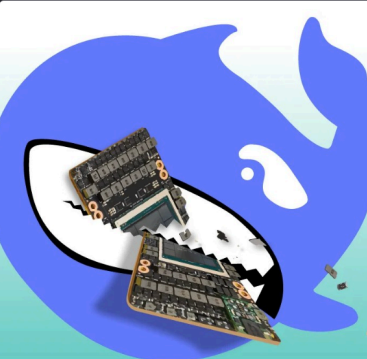
<https://www.deeplearning.ai/the-batch/googles-alphaearth-foundations-tracks-the-whole-planets-climate-land-use-potential-for-disasters-in-detail-and-at-scale/>


Related Images



SHED BUILDING
PPING AGENT –

IT ORDERED
US PIZZA!





Use via API · Built with Gradio

Query 2: Strong bm25 connection

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SetupArticle QA

Article Q&A System

Ask questions about AI news from The Batch articles

Your Question

Tell me a model that produces embeddings that represent every 10-meter-square spot on the globe for each year between 2017 and 2024.

Filter by Categories (optional)

Weekly Issues

Andrew's Letters

Data Points

ML Research

Business

Science

Culture

Hardware

AI Careers

Start Date (optional)

2025-10-01

End Date (optional)

2025-11-01

Number of Results

5

Use Hybrid Search (BM25 + Semantic)

Ask Question

Answer

The model that produces embeddings representing every 10-meter-square spot on the globe for each year between 2017 and 2024 is called AlphaEarth Foundations (AEF), developed by Christopher F. Brown, Michal R. Kazmierski, Valerie J. Pasquarella, and colleagues at Google. You can read more about this model in the article "Earth Modeled in 10-Meter Squares: Google's AlphaEarth Foundations tracks the whole planet's climate, land use, potential for disasters, in detail and at scale".

Earth Modeled in 10-Meter SquaresGoogle's AlphaEarth Foundations tracks the whole planet's climate, land use, potential for disasters, in detail and at scale 2025-10-01 ML Research, Science <https://www.deeplearning.ai/the-batch/google-alphaearth-foundations-tracks-the-whole-planets-climate-land-use-potential-for-disasters-in-detail-and-at-scale/>

Related Images

SENTINEL-2 (a)

LANDSAT 8/9 (b)

SENTINEL-1 (c)

SOURCES

IN FEATURES

OUT FEATURES

B, T, H_1, W_1, C_1

B, T, H_1, W_1, C_1

N_V

STP BLOCKS

B, T, H_1, W_1, C_1

of uniform random

ization plateaus at the

capacity limit of different-

models, around 3.6

Unintended Memorization

Training set size

Training (number of samples)

Model size

3.6M

8.0M

19.2M

Total Bits

Memorization of te

and dataset sizes:

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full data distributi

World map showing global coverage of AlphaEarth Foundations embeddings, with regions highlighted in red and green.

Use via API · Built with Gradio

Query 3: Strong bm25 connection, but filtered out needed article by category

127.0.0.1:7860

Setup Article QA

Article Q&A System

Ask questions about AI news from The Batch articles

Your Question

Tell me a model that produces embeddings that represent every 10-meter-square spot on the globe for each year between 2017 and 2024.

Filter by Categories (optional)

Weekly Issues Andrew's Letters Data Points ML Research

☒ Business ☐ Science ☒ Culture ☐ Hardware ☐ AI Careers

Start Date (optional) End Date (optional)

2025-10-01 2025-11-01

Number of Results 5 ☐ Use Hybrid Search (BM25 + Semantic)

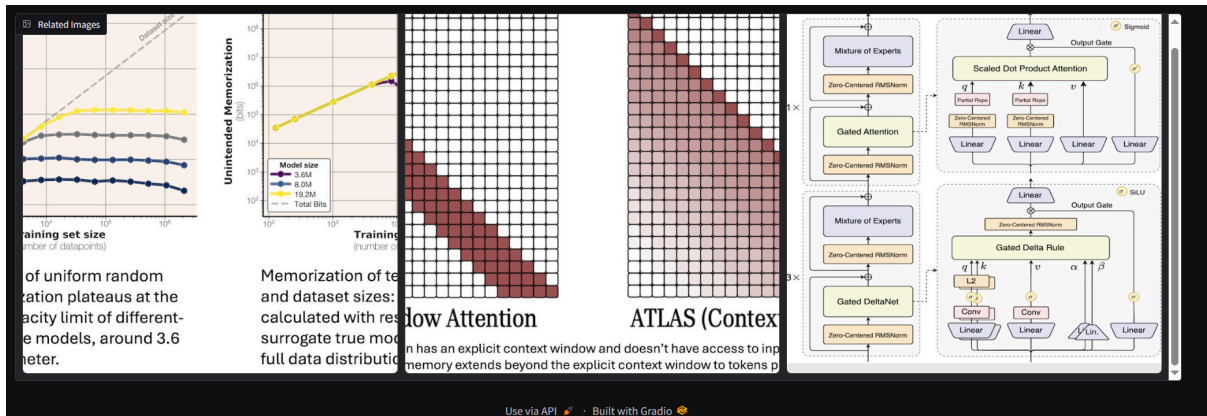
1 10

Ask Question

Answer

I don't have enough information in the retrieved articles to answer that question. The provided articles discuss various AI-related topics, such as Alpha School, Anthropic's Claude model, OpenAI's partnership with AMD, and Thinking Machines' Tinker API, but none of them mention a specific model that produces embeddings for every 10-meter-square spot on the globe for each year between 2017 and 2024.

- 2 Hours With AI Versus 6 With Teacher Inside Alpha School, a Texas-based program using algorithms and video monitors to teach children 2025-09-10 Culture <https://www.deeplearning.ai/the-batch/inside-alpha-school-a-texas-based-program-using-algorithms-and-video-monitors-to-teach-children/>
- Claude Levels Up Anthropic launches Claude Sonnet 4.5 and the Claude Agent SDK, and overhauls Claude Code for developers 2025-10-08 AI Careers, Business, ML Research <https://www.deeplearning.ai/the-batch/anthropic-launches-claude-sonnet-4-5-and-claude-agent-sdk-overhauls-claude-code-for-developers/>
- OpenAI Strengthens Ties With AMD OpenAI's latest multi-billion dollar chip deal would give it six gigawatts of computing power and up to 10% of AMD 2025-10-15 Business, Hardware <https://www.deeplearning.ai/the-batch/openais-latest-multi-billion-dollar-chip-deal-would-give-it-six-gigawatts-of-computing-power-and-up-to-10-of-amd/>
- Fine-Tuning Simplified Thinking Machines' new Tinker API makes it easier to fine-tune models on many GPUs 2025-10-15 Business, ML Research <https://www.deeplearning.ai/the-batch/thinking-machines-new-tinker-api-makes-it-easier-to-fine-tune-models-on-many-gpus/>



Query 4: Strong bm25 connection, but filtered out needed article by date

127.0.0.1:7860

Setup **Article QA**

Article Q&A System

Ask questions about AI news from The Batch articles

Your Question

Tell me a model that produces embeddings that represent every 10-meter-square spot on the globe for each year between 2017 and 2024.

Filter by Categories (optional)

☐ Weekly Issues ☐ Andrew's Letters ☐ Data Points ☐ ML Research

☐ Business ☐ Science ☐ Culture ☐ Hardware ☐ AI Careers

Start Date (optional) **End Date (optional)**

2025-09-01 2025-09-29

Number of Results 5 ☐ Use Hybrid Search (BM25 + Semantic)

1 10

Ask Question

Answer

I don't have enough information in the retrieved articles to answer that question. The provided article context discusses Alpha School, a Texas-based program using algorithms and video monitors to teach children, and does not mention any model that produces embeddings for geographic locations. If you're looking for information on a specific topic, I can try to help with what's available in the provided context, but for this particular question, I don't have any relevant information.

■ 2 Hours With AI Versus 6 With TeacherInside Alpha School, a Texas-based program using algorithms and video monitors to teach children
■ 2025-09-10 | Culture <https://www.deeplearning.ai/the-batch/inside-alpha-school-a-texas-based-program-using-algorithms-and-video-monitors-to-teach-children/>

Related Images

Training set size (number of datapoints)

Performance (F1 score)

Model size

- 3.0M
- 8.0M
- 19.2M
- Total Bits

Unintended Memorization (number of bits)

Training (number of datapoints)

of uniform random
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acity limit of different-
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Memorization of te
and dataset sizes:
calculated with res
surrogate true mod
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4, 2025

Query 5: Strong semantic connection (slight bm25 but not citation)

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Setup Article QA

Article Q&A System

Ask questions about AI news from The Batch articles

Your Question

"A neural network generating vector representations that encode tiny geographic regions spanning approximately ten meters across the entire Earth's surface, tracked annually for the last 8 years"

Filter by Categories (optional)

☐ Weekly Issues ☐ Andrew's Letters ☐ Data Points ☐ ML Research

☐ Business ☐ Science ☐ Culture ☐ Hardware ☐ AI Careers

Start Date (optional) 2025-10-01 **End Date (optional)** 2025-11-01

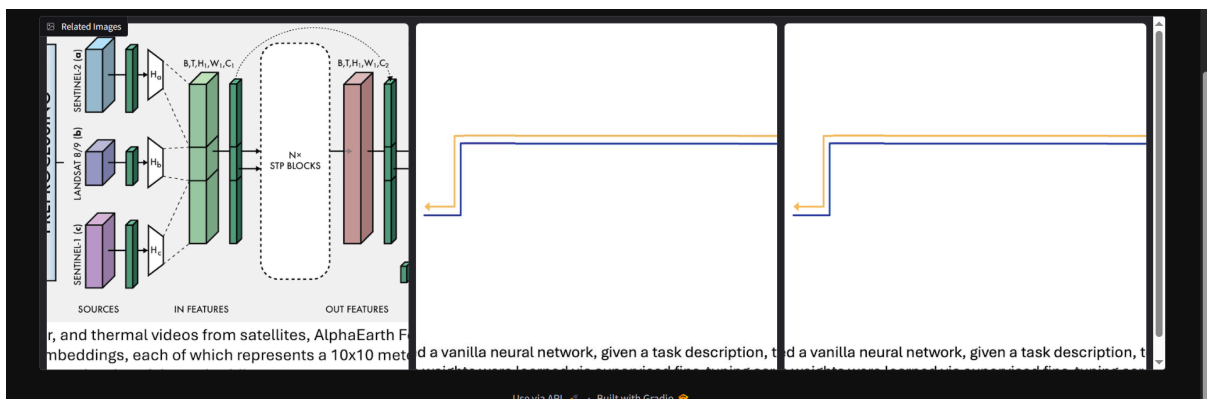
Number of Results 5 ☐ Use Hybrid Search (BM25 + Semantic)

Ask Question

Answer

The article "Earth Modeled in 10-Meter Squares: Google's AlphaEarth Foundations tracks the whole planet's climate, land use, potential for disasters, in detail and at scale" discusses a model that generates vector representations, or embeddings, of 10x10-meter areas across the entire Earth's surface. However, it does not specify that the tracking has been done for the last 8 years. According to the article, the model produces embeddings that represent each 10x10-meter area over the course of a year, but it does not provide information on the duration of the tracking.

Earth Modeled in 10-Meter Squares Google's AlphaEarth Foundations tracks the whole planet's climate, land use, potential for disasters, in detail and at scale 2025-10-01 ML Research, Science <https://www.deeplearning.ai/the-batch/googles-alphaearth-foundations-tracks-the-whole-planets-climate-land-use-potential-for-disasters-in-detail-and-at-scale/>



Query 6: Cut out all the articles by date filter

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📄 Article Q&A System

Ask questions about AI news from The Batch articles

Your Question

"A neural network generating vector representations that encode tiny geographic regions spanning approximately ten meters across the entire Earth's surface, tracked annually for the last 8 years"

Filter by Categories (optional)

☐ Weekly Issues

☐ Andrew's Letters

☐ Data Points

☐ ML Research

☐ Business

☐ Science

☐ Culture

☐ Hardware

☐ AI Careers

Start Date (optional)

2024-01-01

End Date (optional)

2024-01-02

Number of Results

5

📶

☒ Use Hybrid Search (BM25 + Semantic)

1

10

🔍 Ask Question

Answer

I don't have enough information in the retrieved articles to answer that question.

📄 Related Images

Use via API 🌐 · Built with Gradio 🍷