What is used in all electronics? Rare earth materials.

<https://blogs.nvidia.com/blog/2022/11/03/skycatch-vision-ai-digital-twins/>

<https://www.mining-technology.com/analysis/whos-leading-the-way-top-ranked-mining-companies-in-the-artificial-intelligence-theme/>

<https://www.forbes.com/sites/forbestechcouncil/2022/10/25/how-ai-can-help-in-filling-the-short-term-critical-minerals-gap/?sh=6c4087525715>

<https://www.theglobeandmail.com/business/adv/article-how-the-mining-industry-is-part-of-a-sustainable-future/>

<https://www.hardwaretimes.com/what-is-ai-ethics-and-why-its-crucial/>

<https://www.hcn.org/articles/climate-desk-mining-companies-pollute-western-waters-citizen-pay-for-the-clean-up#:~:text=Uncontrolled%20mining%20pollution%20has%20a,watersheds%2C%20according%20to%20the%20EPA>.

why is mining so important?

I’m sure everyone is familiar with the materials used to make electronics. Copper, Lithium, silver, and gold are just some of the many materials used that go into making electronics. All these materials are sourced somewhere from the earth, with most of them coming from mines.

The main downside of mining is the pollution According to the US Environmental Protection Agency, mining has polluted around 40% of all western watersheds. But the pollution and environmental impacts are neglected because Most of these minerals and materials are something that humanity needs, so we go to great lengths to get them.

Companies look to reduce their damage to the environment, and this is where AI comes in. of couse with ai being a newer technology the implementation is still in its early stages, but this is something that could end up replacing many jobs, as using a machine to mine in toxic conditions is much better than a human. AI is being used to INSERT FACT. The goal of this process is to reduce the environmental impact of …

Counter

<https://www.theworldcounts.com/challenges/mining/health-effects-of-mining>

**Impact of Mining to Workers**

<https://www.sciencedirect.com/science/article/pii/S2214999616308207>

<https://www.cdc.gov/niosh/mining/topics/respiratorydiseases.html>

<https://pubmed.ncbi.nlm.nih.gov/9090281>

**Environmental Impacts**

[**https://www.hcn.org/articles/climate-desk-mining-companies-pollute-western-waters-citizen-pay-for-the-clean-up**](https://www.hcn.org/articles/climate-desk-mining-companies-pollute-western-waters-citizen-pay-for-the-clean-up)

**AI robot**

[**https://blogs.nvidia.com/blog/2022/11/03/skycatch-vision-ai-digital-twins/**](https://blogs.nvidia.com/blog/2022/11/03/skycatch-vision-ai-digital-twins/)

[**https://www.forbes.com/sites/forbestechcouncil/2022/10/25/how-ai-can-help-in-filling-the-short-term-critical-minerals-gap/?sh=6c4087525715**](https://www.forbes.com/sites/forbestechcouncil/2022/10/25/how-ai-can-help-in-filling-the-short-term-critical-minerals-gap/?sh=6c4087525715)

**https://www.theglobeandmail.com/business/adv/article-how-the-mining-industry-is-part-of-a-sustainable-future/**

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