



AI'S CARBON FOOTPRINT IS BIGGER THAN YOU THINK



Brigitte JAUMARD

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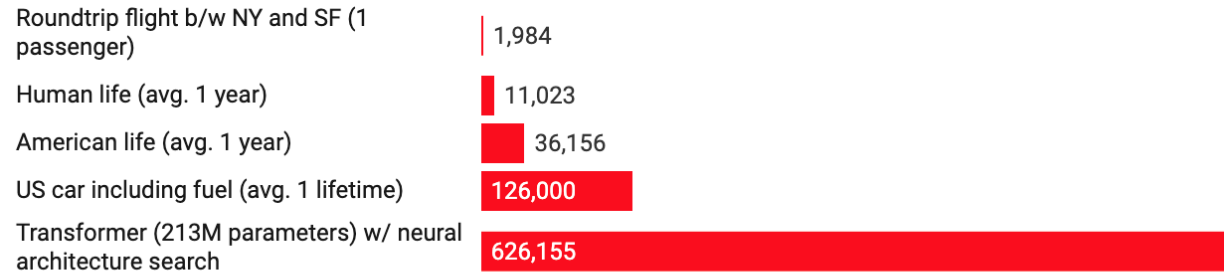
AI's carbon footprint is bigger than you think

Brigitte Jaumard, Research Director, Confiance IA, Canada 

ChatGPT : Exploding Energy Use & Growing Carbon Footprint

Common carbon footprint benchmarks

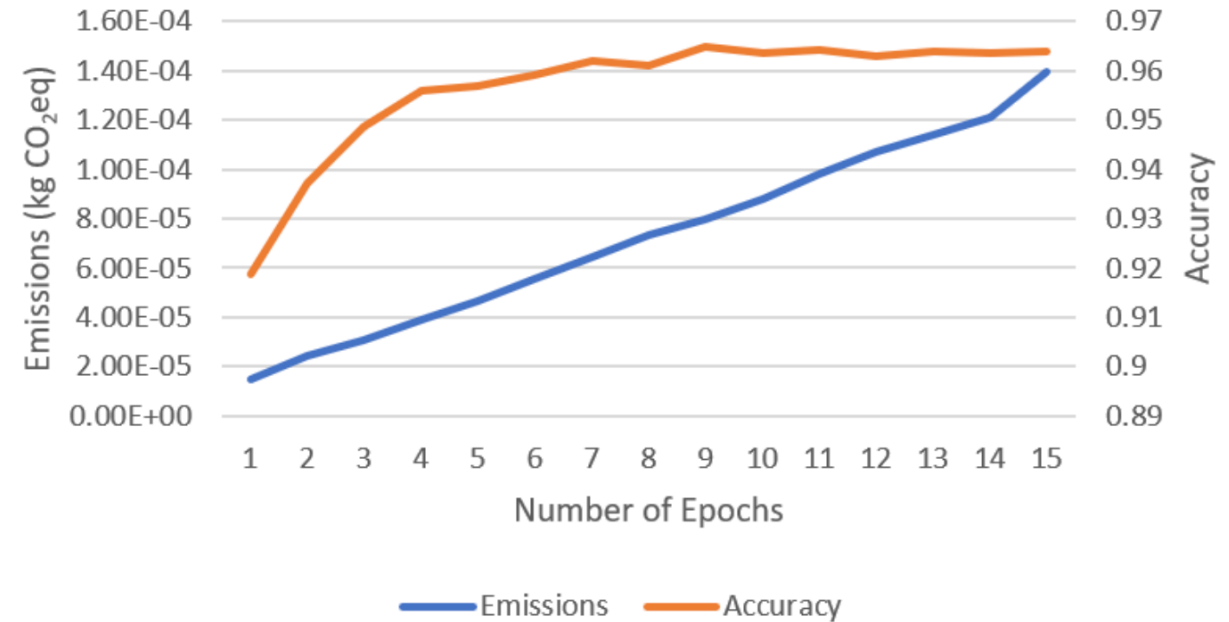
in lbs of CO2 equivalent



GPT-4 may have emitted upwards of 15,000 tons CO2e annual emissions of 938 Americans

33,069,339 lbs

Which accuracy do you need?



Powering AI : A Growing Energy Challenge

By 2027, global AI-related electricity consumption could surge by 85 to 134 TWh annually. Comparable to the power needs of countries like the Netherlands, Argentina, and Sweden.