Frontier-Tier AI

frontier-tier · risk class · concept

Source: https://policywindow.org/wiki/frontier-tier

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Summary

A categorical classification of AI models above certain capability or compute thresholds, indicating heightened regulatory scrutiny.

At a glance

Used by

13 instrument(s)

Related concepts

asl-3, systemic-risk, designated-systemic, compute-threshold

Primary source

EU AI Act Art. 51 + Annex XIII (the closest binding definition)

Details

Frontier-tier classification varies by jurisdiction. The EU AI Act presumes 'systemic risk' at e10²u FLOPs training compute OR e45M EU monthly active users. The US EO 14110 used 10²v FLOPs as the reporting trigger. Industry frameworks (Anthropic ASL, OpenAI Preparedness, DeepMind FSF) use capability-based rather than pure-compute frontier markers. The term 'frontier' has no single canonical definition; it is operationalized differently across regulators and developers.

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CHICAGO

Policy Window. n.d.. "Frontier-Tier AI." Wiki article (Concept). https://policywindow.org/wiki/frontier-tier.

HARVARD

Policy Window (n.d.) 'Frontier-Tier AI', Wiki article — Concept, available at: https://policywindow.org/wiki/frontier-tier.

OSCOLA

Policy Window, 'Frontier-Tier AI' (Wiki article — Concept, n.d.) <https://policywindow.org/wiki/frontier-tier> accessed [date].

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