The Exponential Growth of Language Models
"Just Make It Bigger" Works!

1000x in 5 years!

- GPT-4 1760B — *All books ever written*
- PaLM 540B
- Gopher 280B
- GPT-3 175B — *Library of Congress*
- T5 11B — *Small library*
- GPT-2 1.5B
- BERT-Large 0.34B — *1 book*

Parameters (Billions) vs **Year** (2018–2024)