

Real-World Applications 2024: Model Adaptation in Production

Bloomberg GPT

[Full Fine-tuning]

Domain: Finance

Data: 363B tokens

Cost: \$2.7M+

Result:
50B params, SOTA finance

Med-PaLM 2

[Instruction Tuning]

Domain: Medical

Data: Medical QA datasets

Cost: \$500K+

Result:
85% on USMLE

Code Llama

[LoRA]

Domain: Programming

Data: 500B code tokens

Cost: \$50K

Result:
53% HumanEval

GPT-4 Custom

[Prompt Engineering]

Domain: Customer Service

Data: 0 training

Cost: \$0

Result:
90% satisfaction

LegalBERT

[Domain Fine-tuning]

Domain: Legal

Data: 12GB legal docs

Cost: \$10K

Result:
89% on legal NER

Llama-2-Chat

[RLHF]

Domain: Conversational

Data: 27K preference pairs

Cost: \$100K+

Result:
Human-preferred