

**FineTune
EmbeddingGemma
and run on CPU**

THỬ NGHIỆM

Google AI Developers

**EMBEDDING
GEMMA**

~~NGON, BỔ, RẺ?~~

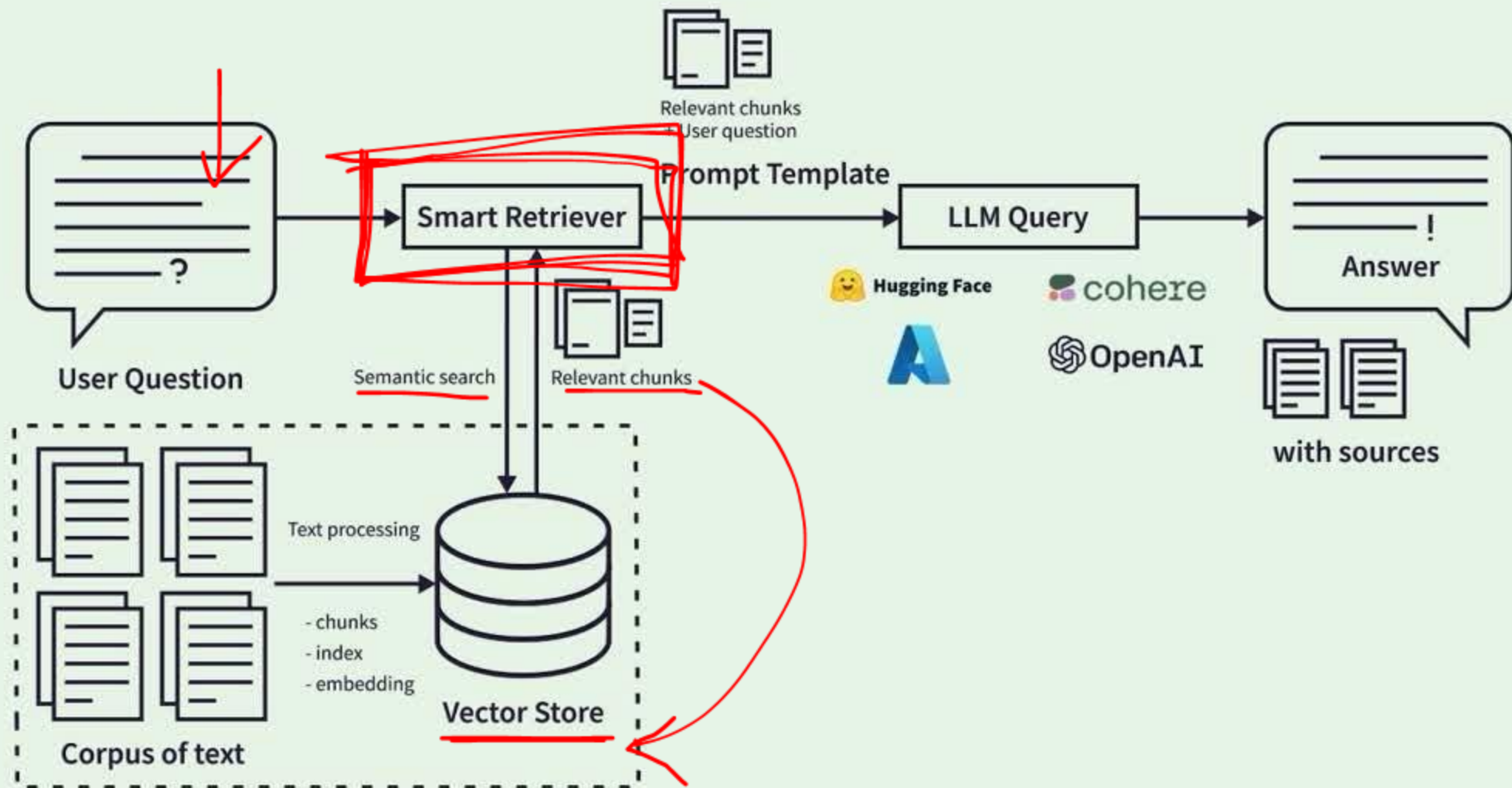
so găng với các model embedding
dangvantuan, aiteamvn...

miai.vn



<https://www.youtube.com/watch?v=vmDSCNWMa9c>

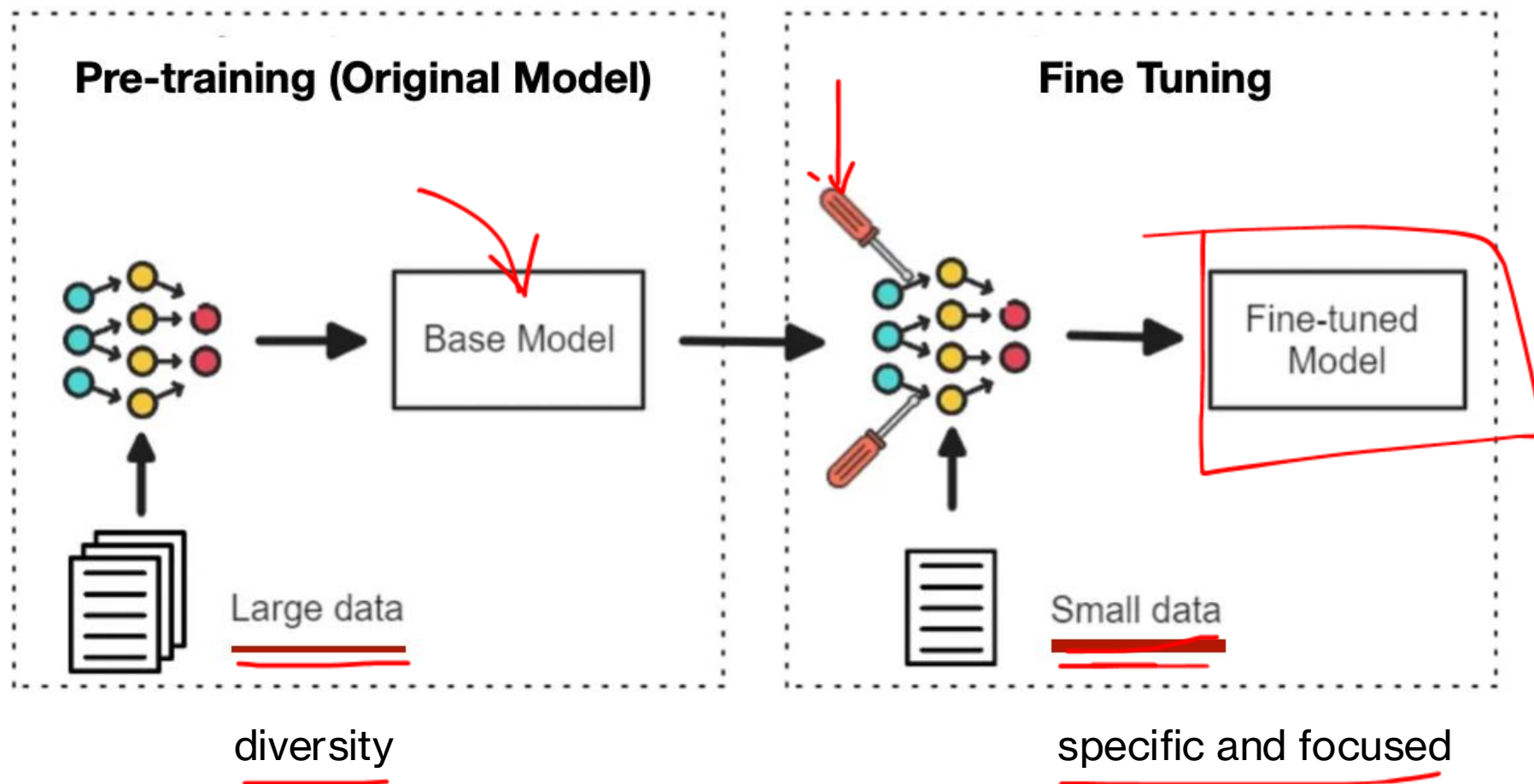
Why finetune embedding model?



Retrieval Augmented Generation (RAG)

Why finetune?

Large Language Model



Before & After

LinkedIn Jobs

Before

After

Query: "Business Analyst"

Near: "A Business Analyst bridges the gap between IT and the business, ensuring that technological solutions align with business needs by analyzing data and documenting requirements"

Far: "Construction Worker's role is to physically build and assemble structures, focusing on manual labor, machinery operation, and on-site problem-solving to complete projects"

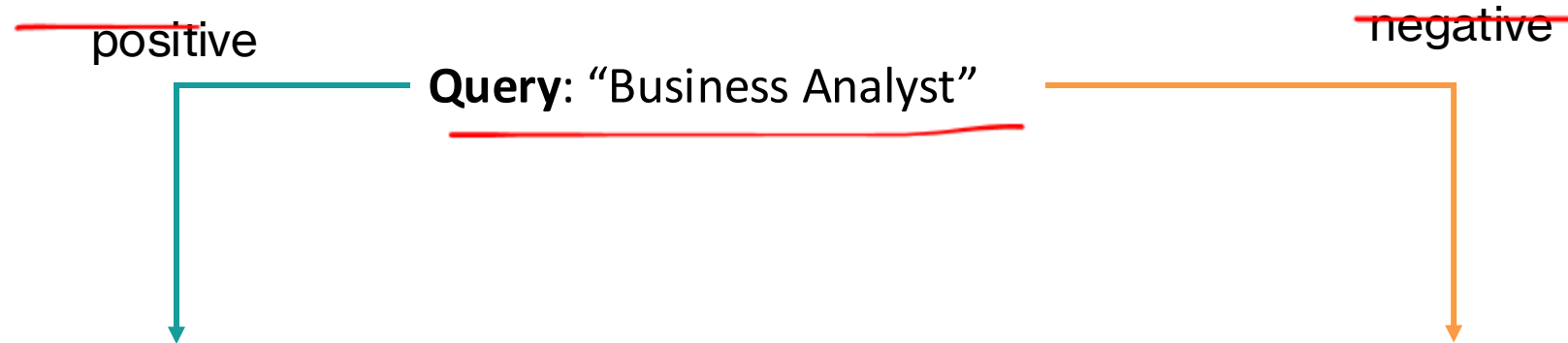
0.5

0.7

0.3

0.1

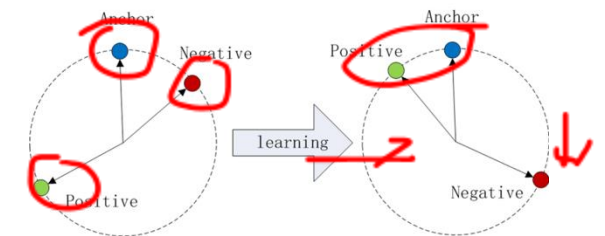
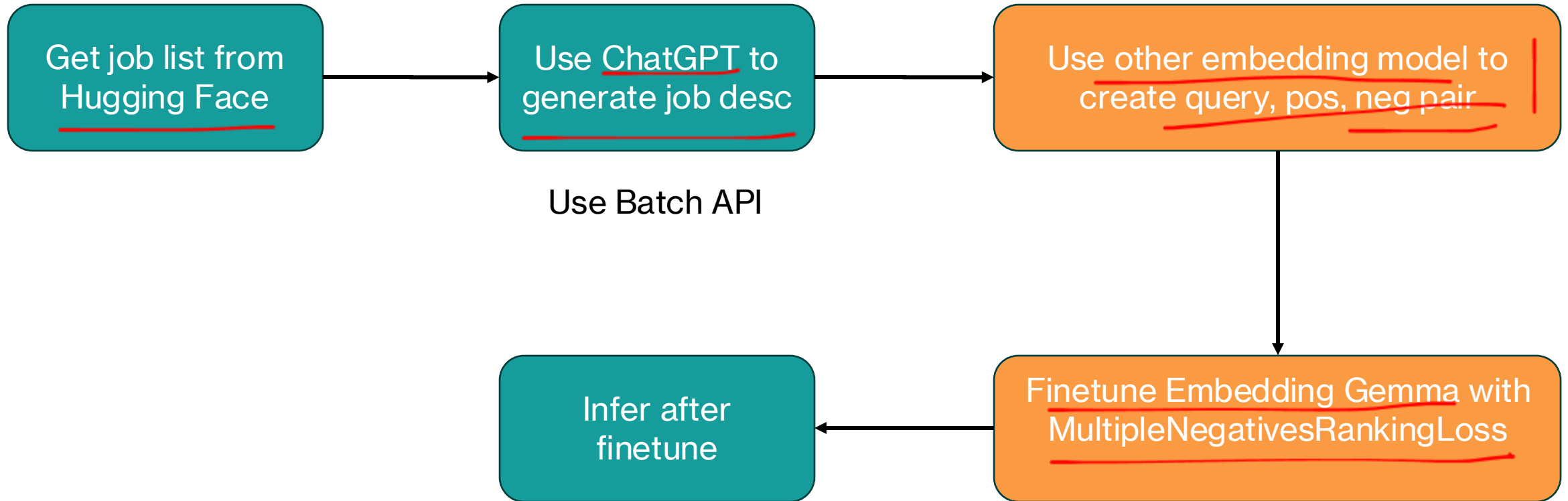
Dataset



Near: "A Business Analyst bridges the gap between IT and the business, ensuring that technological solutions align with business needs by analyzing data and documenting requirements"

Far: "Construction Worker's role is to physically build and assemble structures, focusing on manual labor, machinery operation, and on-site problem-solving to complete projects"

Flow



Hands-on