

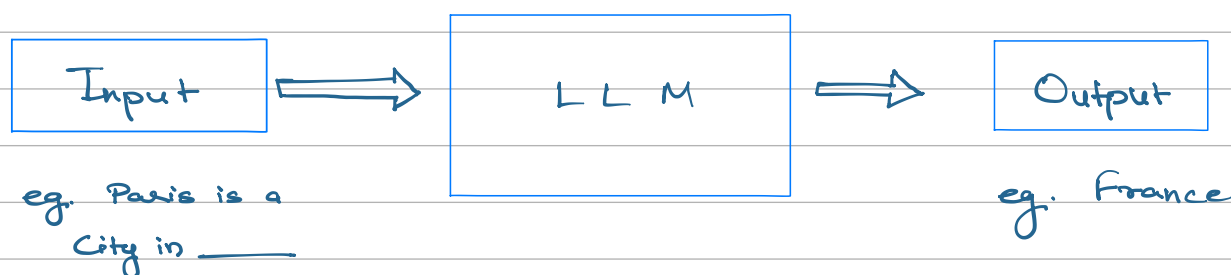
LLMs Explained

LLMs → Large Language Models

- ↳ Step 1 → Pretraining
- ↳ Step 2 → RLHF → Reinforcement Learning Human Feedback

Pretraining

- ↳ LLMs don't predict entire sentences. They predict each word one by one on the basis of their individual probabilities.
- ↳ So each word is predicted one by one. That is what happens behind the scene.



- ↳ Each word has different weights assigned. (weight space)
- ↳ Changing these weights is called as parameter tuning.
- ↳ First it starts at random → leading to back propagation.
- ↳ Continuing on this, the model starts to give more accurate outputs

RLHF

- ↳ Humans sit and correct the incorrect outputs which helps in parameter tuning.
- ↳ needs highly powered GPUs that are optimized for running many operations in parallel.