(LLM horr) Training LLM

7

1

1

- from last page we see that CLM are giant NN Where the lagers represent operations Like sembedding eatherties Etc and the wrights of that layer are used in the respective processes. These weight are known as parameters of model.

-NotE: for a more efficient training process it is better to have the LLM predict all segments of next words in a given price of text so it input: "The cate at on the mar" cat even if the last perdiction was the sat torget ile: inpr CAF trur mert word "--+"in no car the training process and

alt to Rester! (Reinforcement Inavier with human Ferdback)

mat

- is a fine turing step in Ar training process That helps the LLM feel helpfull; polite and aligh with human exprehetions. (predicting ment)
and not be generic

1) Supervised fine turing (SFT) 3 Phase RLHF . · Humans write examples prompts and ideal responses Morks the model is trained to imitate these helpfull completions

- 2) Reward Model (RM) training · Humans are shown multiply responsed to a prompt from Ar wooded of they rank them best to worst of a RM is trained to predict these rankings
- Reinforce ment learning (eg. ppo) · LLM gonrrates responses
 - -) The RM Scores Each response

the cor sat on the

- -) Mobel is fine tuned via RL to maximise the rewal
- -> this makes model human from 31.

Scanned with CamScanner

Just prinklize the model