(A150	١
(confusion metria) Evaluation of LLM (unotis) (ser los) (roc - Auc log Loss Also American	
log Loss pmrsnrable	
1) Automatic (Quantitative) Metrics Smesurable 2) Automatic (Quantitative) Metrics Smesurable 25 most in model dev	
Robberia Metric What it mosmes	
- Derplexity How suprisors is model by real text language Mode	15
correct prediction over total classification	
A BLEY/ROUGE Overlap with reference texts translation!	ion
FI Scorp	
of Exact Match Exact Match with growns troth QA, cole, Mak	
T token lul acurecy token by token correctness fine grained tasks P Persision when model sags its correct how often classification is it correct is reliability of correct ans 15 it correct is reliability of correct and 2) Human (Qualitative) Evaluation on human from ally	
2) Human (analitatia) Evaluation to human fraily	
Example Example	
Helpfull noss Dose it actually answer the Augstish way	
Post it sourt natural and correct	
p Fachality Are the facts accurate	
boxisity (Bias is the response offension or Biased	
Relevence is the answer on topic	
Mixture of Experts (Note experts are not labeled and Mixture of Experts (are probablistic but can be thought as experts for math, language etc. And is a immedian in LLM leading to efficient Scaling For Experts On the experts are not labeled and For Experts On the experts are not labeled and On the probability of the experts are not labeled and On the experts are not labeled and	
- Mote is a inovation in LLM landing to efficient scaling	
2 - Mote is a NN agreet ecture where only a small subset of the model	
? - More is a NN arcetecture where only a small subset of the model is active per input rather than using the whole model each time	100
in in LLM this means 1) you have many expert sub models (often FF blocks) un - in LLM this means 1) you have many expert sub models (often FF blocks) 2) for each boken or input the model activates only a few experts notall	
2) for each botten or input the model activates only a few expects horally 3) allows model to be very Big Bar efficient (instead of look of 18 model use both of 17.1	1000
How - say a model has 64 experts Notes: Cating network is a small ANN Mas	
activates top 2 or 4 experts only to be experts chosen Ki hyper param only to be experts chosen Ki hyper param only to be experts chosen Ki hyper param	
activates top 2 or 9 experts of past experts outputs of past experts outputs of past experts outputs 71	