other Evaluation of LLM (confusion matrix)

Roc - Auc

log Loss ( LL noti) 1) Automatic (Quantitative) Metrics Shart
20 moral in model dev Betherif Metric How supricions is model by real text language Models 1 Perrievity translation / summarization correct prediction over total 7 Accornacy Overlap with reference texts 1 BLEY/ROUGE presision + recall balance QA, classification T FI scorp QA, cole, man Exact Match with grown treth of Exact Match tine grained tasks token by token correctness T token lul accorney

Persision Classification when model sags its correct how often is it correct is relibility of correct ans 2) Human (analitative) Evaluation - human fraily Evorplu Morrica Better if Post it actually answer the Autstian wer Helpfull moss post it sours natural and correct Fluenc y Are the facts accurate Fachality is the response offensive or Biased V foxisity / Bias is the answer on topic Relevence 1 Mixture of Experts (Note expense are not labeled and are probatistic but con be thought as experts for math, language etc)

-Mote is a inoration in LLM leading to efficient scaling ? - Mote is a NN acceptature where only a small subset of the model is active per input rather than using the whole model each time un - in LLM this means 1) you have many expert sub models (often FF blocks) 2) for each token or input the model activates only a pew expects notall
3) allows model to be very Big box efficient (instead of look of IB model use lock of IT. Model) Notes: · Cating network is a small NNN Mos scores each expert based on input boxma How - say a model has 64 expents - only to ke experts chisen Ki hyperiparam . - for a totern gateing enrichmisim of phose expens outputs · done per to km 71 Scanned with CamScanner