hang modeling is working horse for all the Large Language model and evon state of the art CSOTA) Gen AI. hanguage modeling is the task that is use in LAM and Gen AT, transformers · Kindt is model? Model is a mathematical relationship captured between input foutput Model is used to predict the outcome of an unseen query point P: What is Language model? -> Its a model that captures relationship beto words and sentences of a language is called as language model D: Why Language modeling to do? Large transformer & model nanguage algorithm data transformer are multi model they can take multiple type of inputs eg. text with image

Introto Language Modeling

Evallible 27 0 0 20 mores
(1) GPT-4/3.5. → open as
@ BERT
9077
A) Lhama -2 - Trace
transformer is multimodality 3- They have apability of a take multiple type of a public multiple type of a public multiple type of a model come up with multimodality.
: What can we do with Language model?
Applications:
ma ill will appropriate and fure a- mo one.
Chatting keyboard auto complete sentence

@ Summarize the text

3 Build better chat bot

(4) Build QA system setc

ie of Large Language mailele

85- How do you model a language? Languages transformer or model muge computato and time Algorithm -> Transformer Technique app :- 1 Auto encoding task @ Auto Regression task Every large language model is train either 1 approach or 2 approach. 1 How do we build a language model they can build using either one of the above task. @ Auto encoding & Auto regressive tuge amount of data

powerful Architecture CTransformer)