

## Outline

- Dhat is Gen AI
- Examples AI application
- => End-to-End Gen AI application Motivation
- Focus -> Gen As

1 (GP)

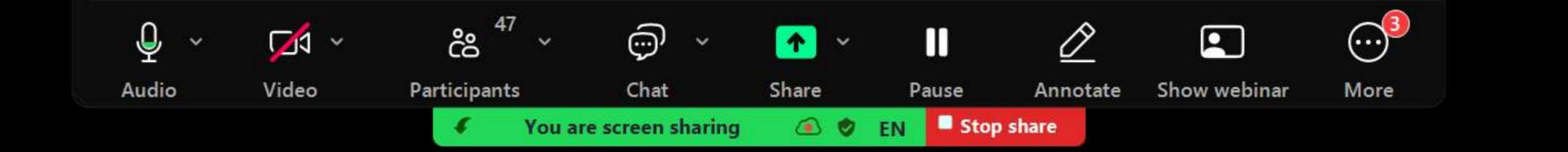
Prompt Engineening + API

RAGI + Langchain

Fine Tuning

Steele diffusion > Imper

LLMOPS



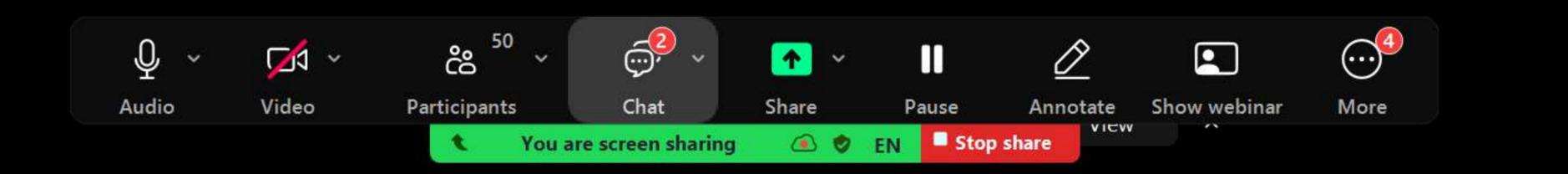


Drosopt ensintent

22 Gen As Joseph Seg Prompt Machine Learning Frange SIP Text Symmessizer QAA > Chef GPT - LLM

29 M > 0/P - Reg Class < Binan-

Talking: Learnvista Private Lim...





2000-2017 - DL

2014 - Encoder - Decoder

2015 - Attention machanism

Duchonthipall you need - Tomsfirmens

Parallel

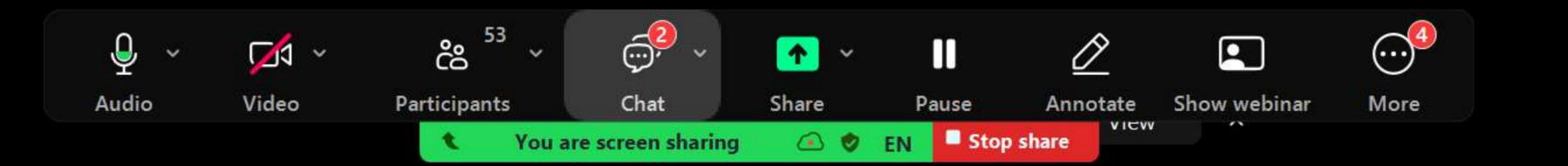
>2018 - BERT - DISHIBERT, MOBILEBERT Self atturb.
Tiny BERT, 20 bent ABERT

2018 VMLFit > Langung mo ot.

Text cless MT

Chefosof

MLM

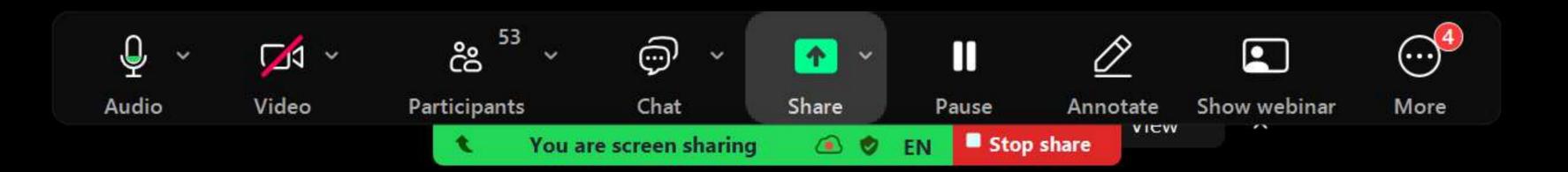




Open AI LLM9 6/2/ do yam HOW Mets-Llam 08(A Encodu-Decod Language/Text noth AH4 Lots of monney - Inm Data comput-

9 blind of pm 4 2i -: B

E-1-





\* Better approach , use already enishy lim's which are gre-trained on languise task.

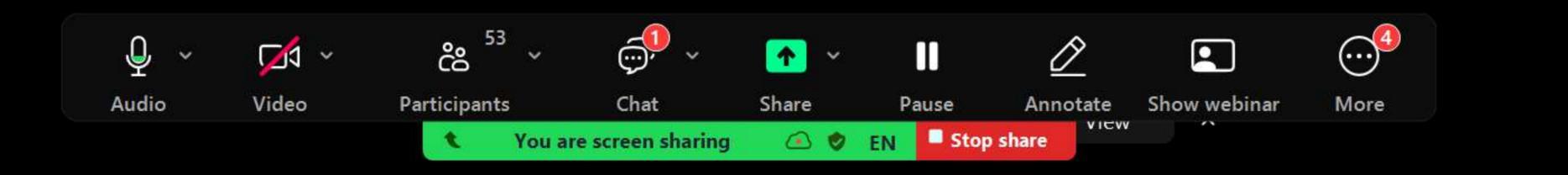
We then to solve Downstream tesk

Machine Franklus Apprount

Text Sum (1) Prompt Consineery

O A Sys:t— (2) RAG

Chybrit (3) Fine Turny

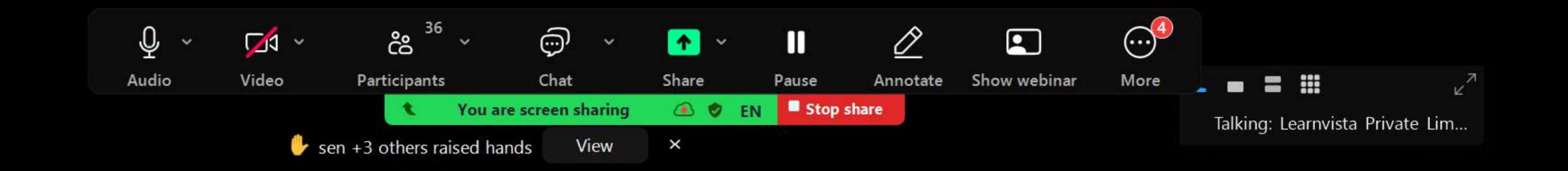




2) Pesison better input to Identify a snort large longuege model vegult LAAMA 11 met /

Step 2: - Experiment min the folling - Prump en

(1) Prompt ensineer (2) RAG (3) Fine Turn.



O: Mhat is & becombt ;

A: Input to an LLM

Prompt engineents/ Dessem-

OpenAI-ky: "key"

Clint: OpenAI (apiky: 62)

- 1) prite clear instruction
- 2) Few Zero Shot Learning
- 3) output structure
- 4) Promony Personas
- (5) Give the model time to