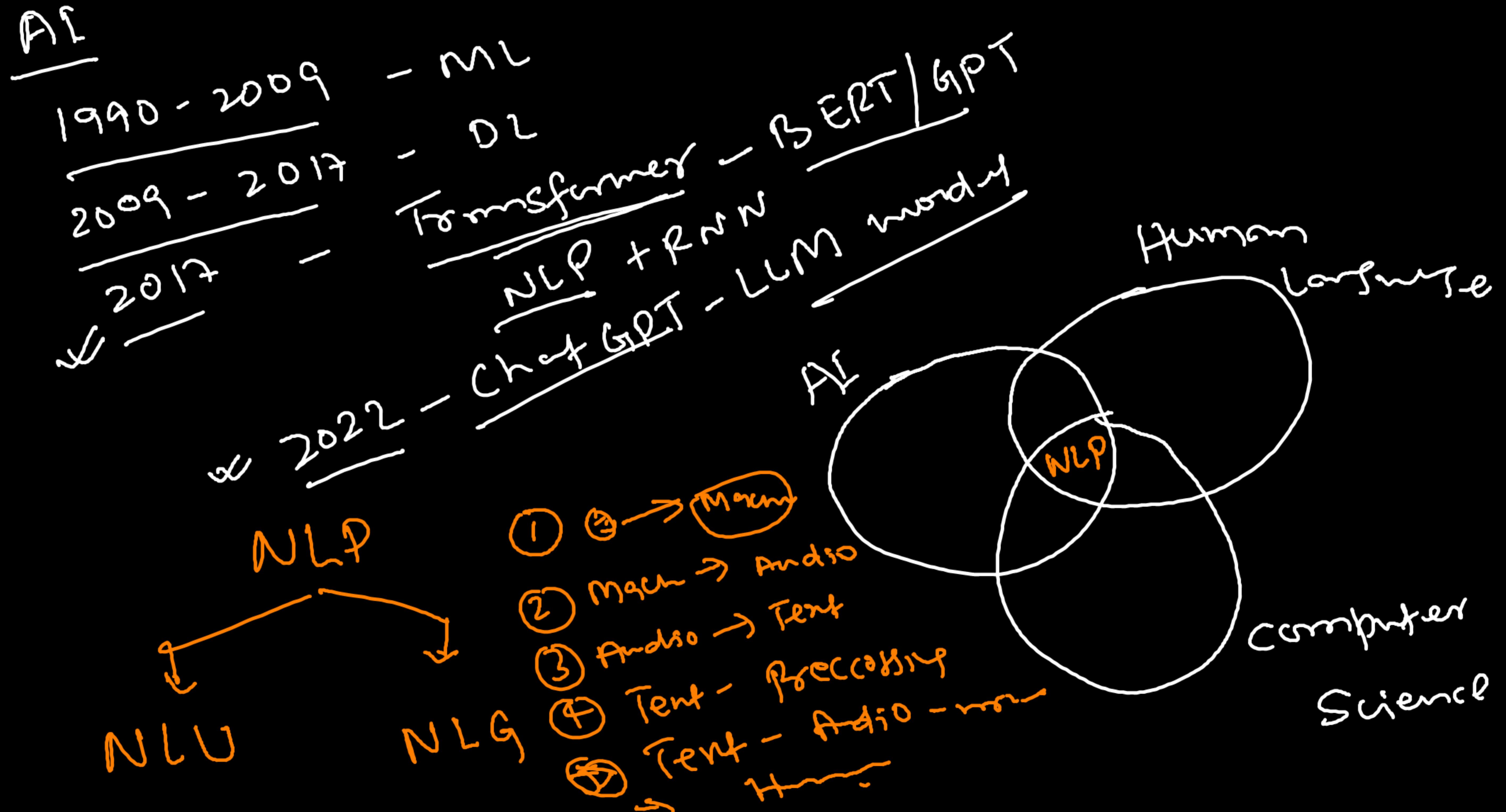


NLP - Natural Language Processing

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Stop share

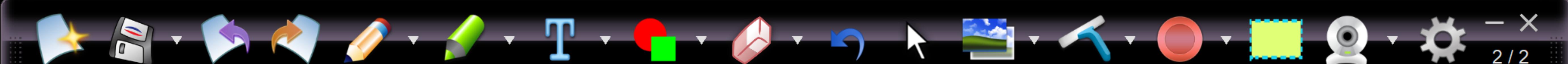
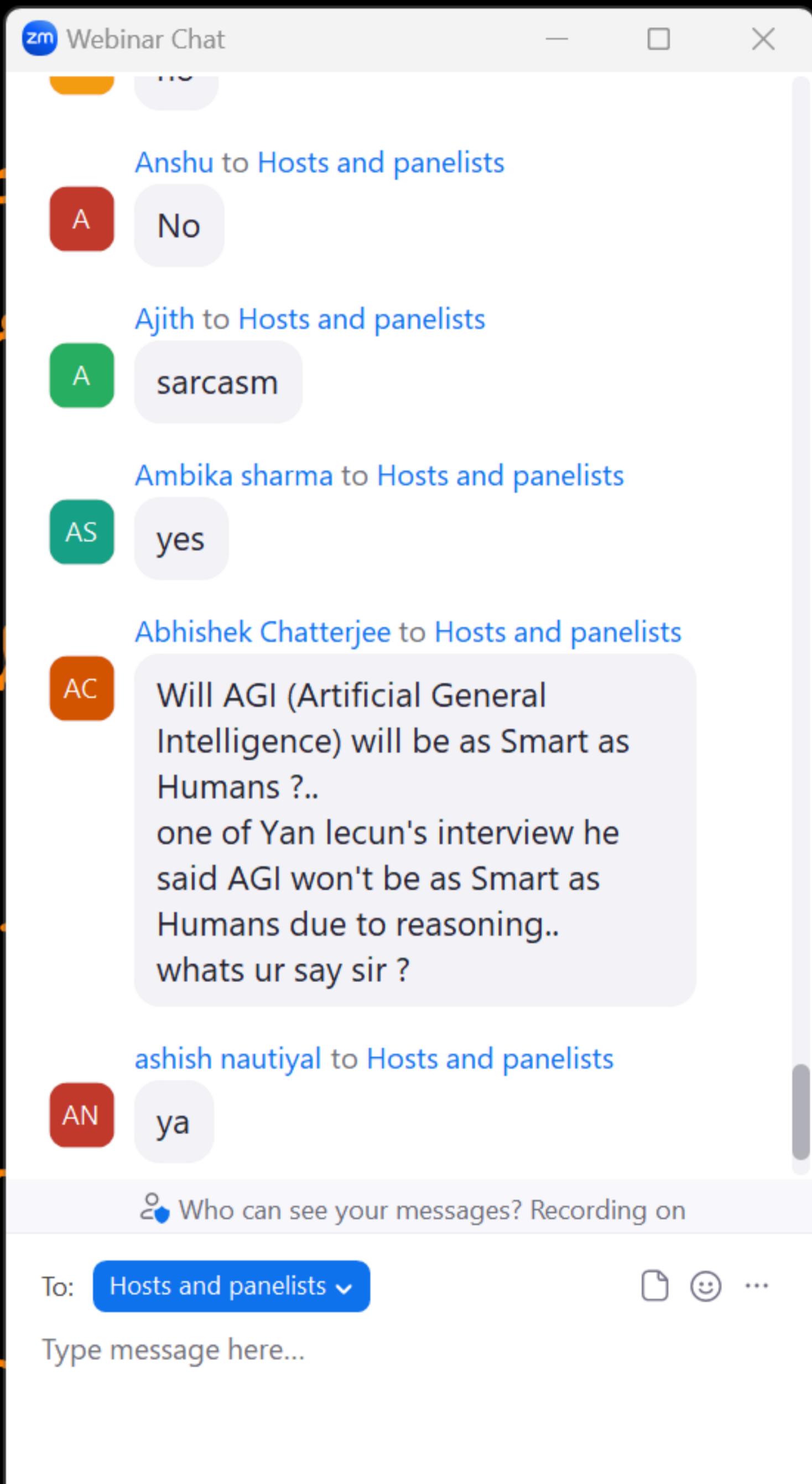


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NLP

- Text (unstructured format) ↓ Syntax
Anshu
- ① Preprocessing
 - ② Text to feature - Feature extraction
 - ③ use the NLP model - Libraries
 - ④ Output
- Hi, my name is Smarth
Smarth Hi is now

S + H.V. + V + O/B



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'The 'fisher' man' went to 'the bank'.

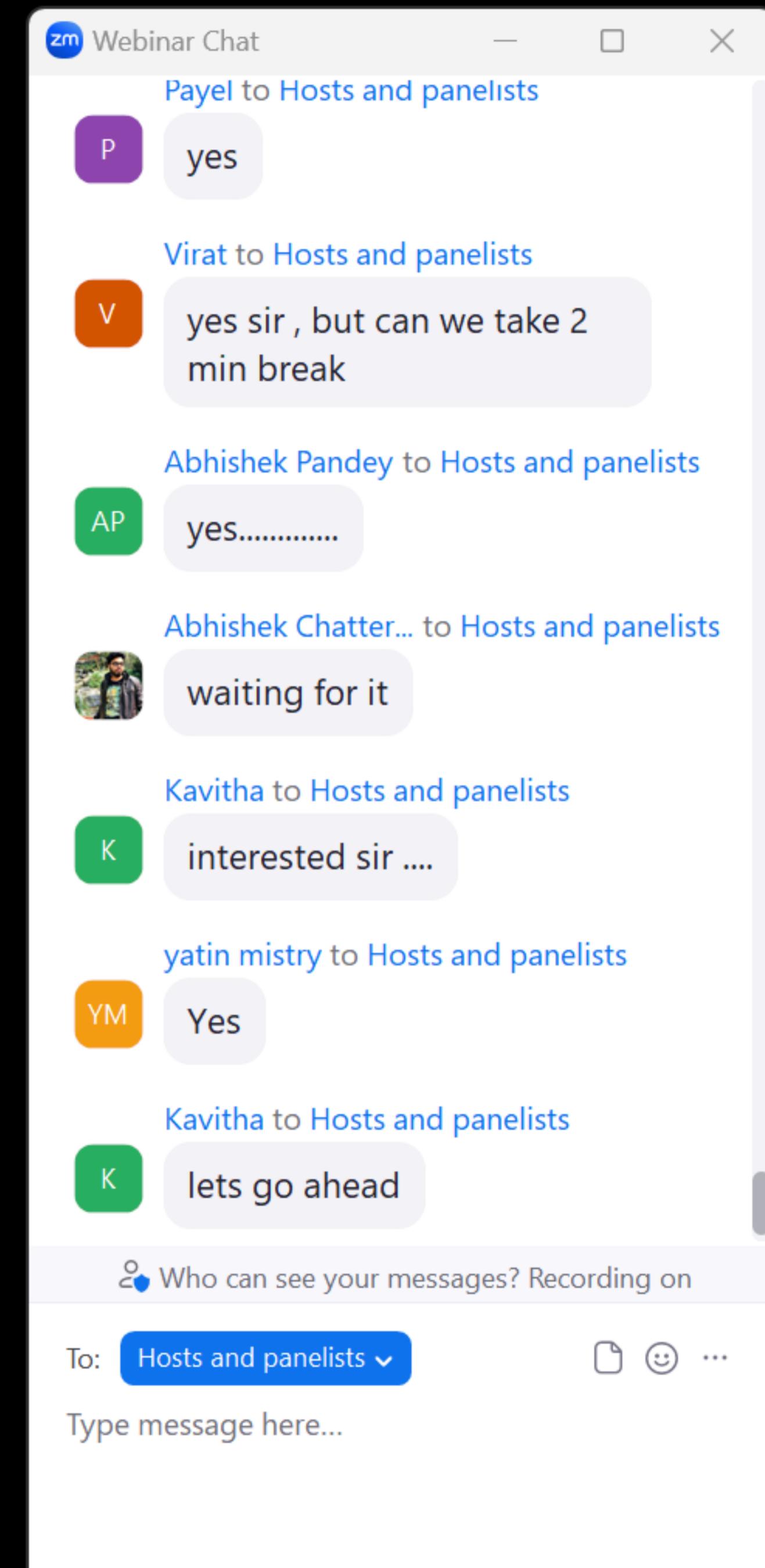
I ~~want~~^{oil} to the store because we

~~want~~^{oil} out of milk,

want → oil

NLP - Approach

- 1 Heuristic Method → regular expression
- 2 ML Based method → BOW / TF-IDF / N-Grams
POS tagger
- 3 Deep Learning Based model → Topic encoder
- 4 Gen AI / LLM model → Word2Vec, Glove



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NLP pipeline

zm Webinar Chat - X

AMBIKA SHARMA to Hosts and panelists

AS Regex

Urmil Shah to Hosts and panelists

US regex is used for preprocessing usually?

Ajith to Hosts and panelists

A mentions

Rashmika Sarava... to Hosts and panelists

RS yes

yushma to Hosts and panelists

Y yes sir

Ambika sharma to Hosts and panelists

AS Sure

ashish nautiyal to Hosts and panelists

AN ys pls

Who can see your messages? Recording on

To: Hosts and panelists ...

Type message here...

