

Generative AI

AI for many

using the given
representation

meaningful
language from

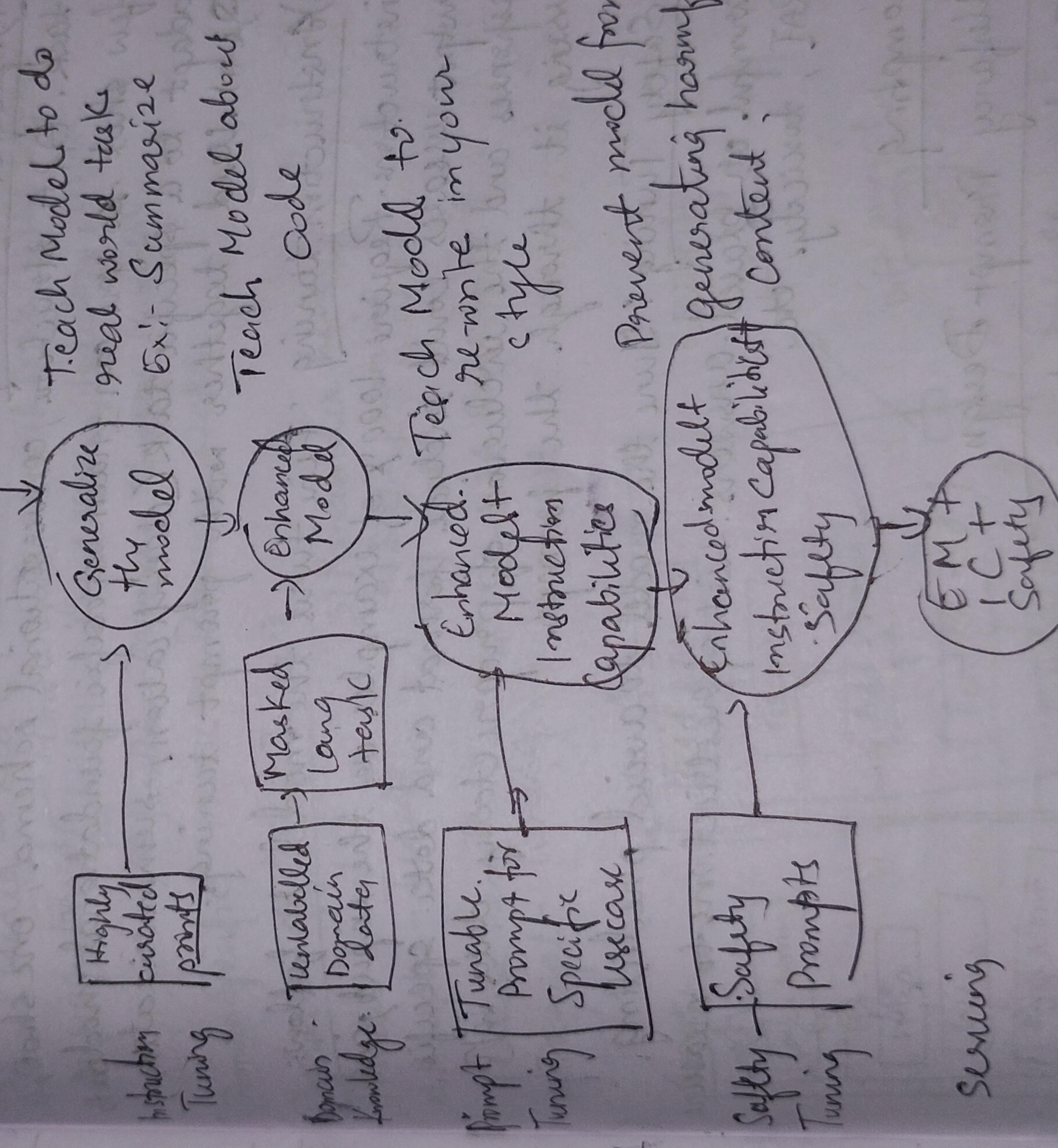
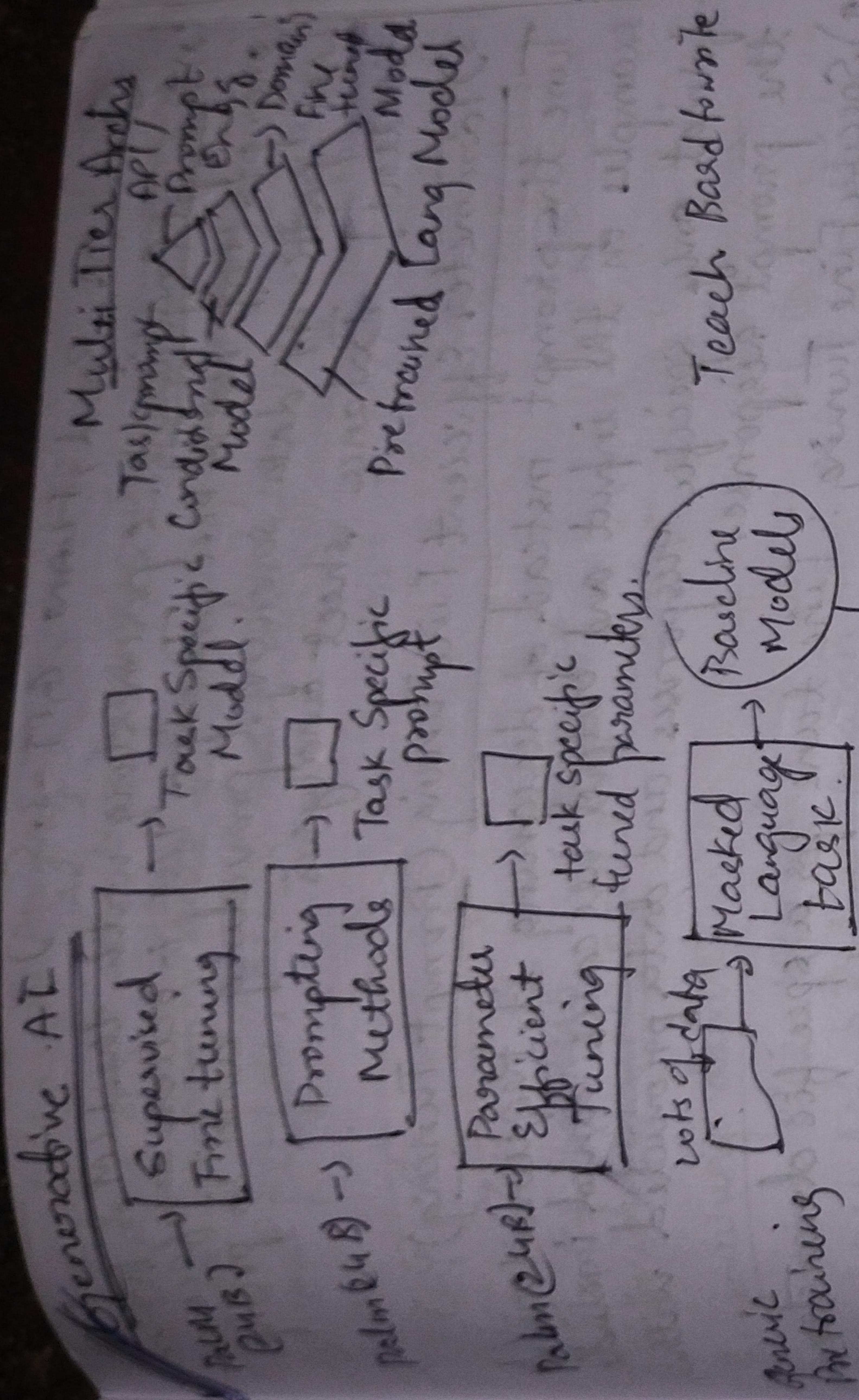
the given

representation

and generate

the given

representation



High level functional arch.

1) Foundational Models: Requires a huge corpus of data.
 lots of compute power and lots of research expertise,
 Internet & scrapped data and curation of foundational models

ELIANA - GET-3.

Efficient framing for 3 diameter trees
using Brown + Steay framing
+ building.

Tune the prompt instead of designing it. Instead of including complex logic within the prompt, use cases and examples on the input and output and data promises and data. A specific response. The prompt for a specific domain or language.

4) Specific Fine Tuning:

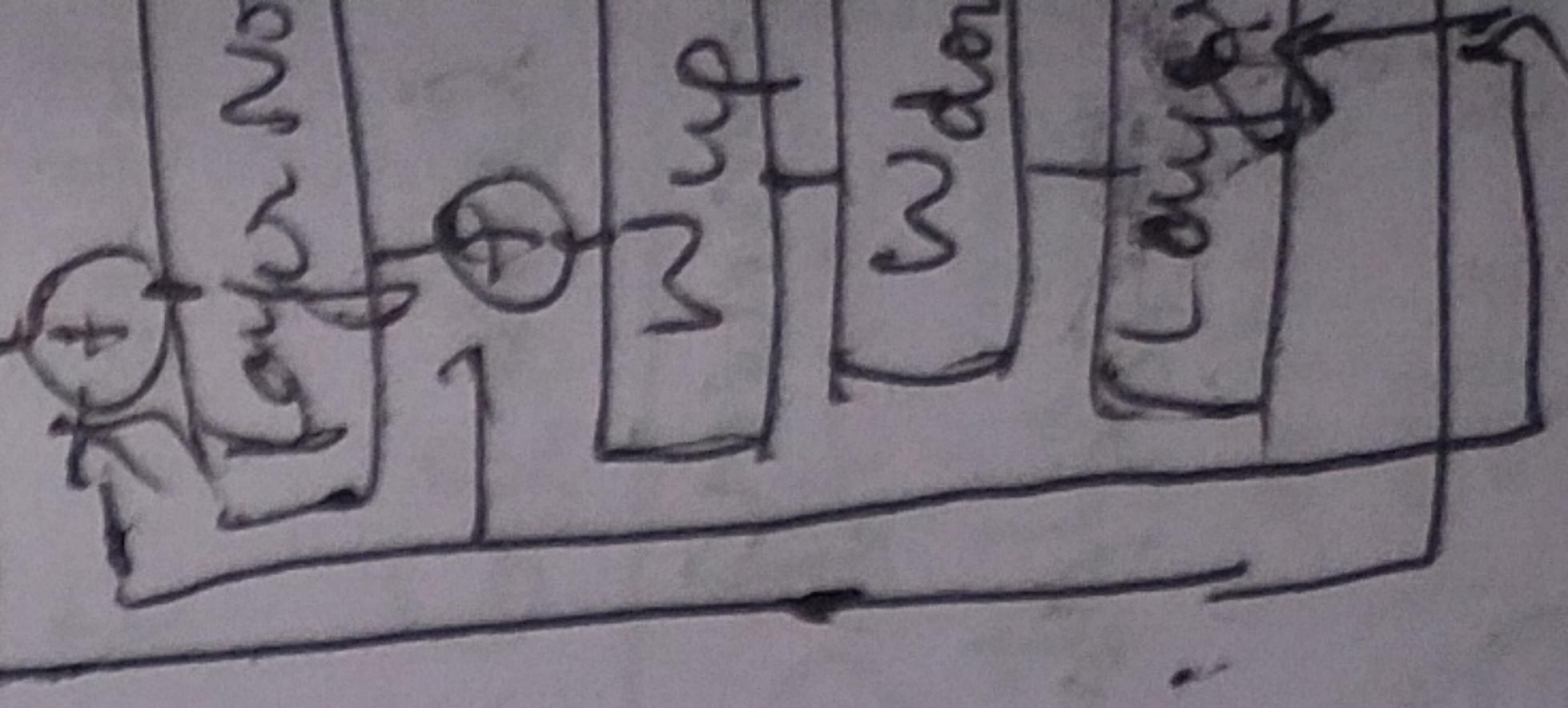
Instruction-tuning: tune neurons to produce organized output and specific responses. For example, 100% of instructions could invoke different and more data input category of response and the inclusion of phonemes through the processing it produces. If one output is required

→ To avoid possible
problems after measurement

Turned June 6th
Safety Council
Safety of greyhounds.
List of answers.
Word on board.
Harmful, or
toxicity, etc.
DAT.

Thomthing → infancy

Task description → A: 13. 2 C23
→ Examines → D: P.
Promote → D: Many
Good performance → Good work



Chains of thought prompting

The example shows step by step reasoning the prompt's performance for complex reasoning and perform actual math with LMs. They may make errors.

- // copy, ai
- // Bayesian
- // Joint probability estimation
- // Maximum likelihood
- // Pre-training dataset

Intermediate steps include:
1) Within

allow.
standard
specific
with specific
within

models to
nations,

allow.

standard
specific
with specific
within

models to
nations,

allow.

standard
specific
with specific
within

models to
nations,

allow.

standard
specific
with specific
within

- General → Open web-text
- Social Media → Role-E, Amazon Reviews
- Language based → Mono Lingual → Ind4B, Brhvac, Clue Coopus.
- Multi-lingual → Indo4BPlus, Indicomp, OSCAR.
- Parallel → PRUNDIA, IIT Bombay, Multi-LIN.
- Domain Specific → MINIC-14, RealNews, S2ORC

Parameter efficient Tuning

Model level Tuning

Adapter - Tuning

Feature level Tuning

Prompt - Tuning

BitFit

LORA

LoRA

Input Emb

