What are Large Language Models?

- Al systems trained onvast amountsof text data
- Neural networks
- billions to

of

with

trillions

parameters

 Capable of understanding and generating human- text

- Built primarily onTransformerarchitecture
- Scale:Trained on petabytes of text from the internet
- Emergent Capabilities that emerge at

Abilities: scale

▶ **Few-shot** Can learn new tasks from

Learning: examples

- Generalization: Apply knowledge across domains
 - **Rey Insight:** LLMs learn patterns in language by predicting the next word in a sequence, developing sophisticated understanding of grammar, facts, and reasoning.

