



SESSION 4 - TERMS

- Neural Network
- Deep Learning
- Training
- Alignment
- Agency
- Bayesian



NEURAL NETWORK

- Model using connected layers of artificial neurons to recognize patterns and solve complex problems.



DEEP LEARNING

- A specialized subset of machine learning relying on deep neural networks with multiple hidden layers.



TRAINING

- The foundational computational process of teaching an artificial intelligence model to recognize patterns, make decisions, and perform tasks by feeding it massive amounts of data and adjusting its internal mathematical rules.



ALIGNMENT

- The practice of making sure an artificial intelligence system's goals, actions, and behaviors match human values, intentions, and ethical standards



AGENCY

- An AI system's capacity to act independently, make decisions, and execute multi-step plans to achieve a specific goal without constant human oversight



BAYESIAN

- Statistical method to update the probability of a hypothesis or belief as new data or evidence becomes available.



AI TERMS IN THE NEWS

Misalignment

AI pursues unintended objectives in conflict with human values / intentions.

Hyperscalers

A company that operates purpose-built data center infrastructure capable of training, hosting, and scaling modern artificial intelligence workloads at an unprecedented level.

Frontier Models

Most advanced artificial intelligence systems available at any given time, representing the absolute leading edge of AI capabilities



KEEP IN MIND



Everybody
complains of his
memory, but
nobody of his
judgment.

Francois IV



History may not
repeat itself, but
it often rhymes.

Mark
Twain -
attributed

KEEP IN MIND



When the facts
change, I change
my mind.

John Maynard Keynes



Some salemen want to sell
me Snake Oil.

I'm not going to dismiss them
as I have never found a rusty
snake.

Terry Pratchett