## Lecture 2 txd

- -algorithm- set of rules that a machine can follow to do a task
- -blackbox- you know the imput and output but not the blackbox (behind the scenes)
- -context window- maxium number of tokens (words or parts of words) that an ai model can process when
- -generative ai- give prompt= get output
- -hallucination- making things up or error
- -large language model(LLM)
- -meta prompt- system prompt- a set of instructions provided to the ai model behind the scenes
- -prompt engineering- making prompt better
- -temperature- output is never the same so the temperature is what picks the words to use
- -tokenizer- input to AI it tokenized (words, or other ways to split up the input)