Prompt: summarize the text between triple backticks ``` ``` Avoids prompt injection Hallucinations: make statements that sound plausible but not 1. Write clear and specific instructions true. the model has skimmed thru the training set but has not Ask for structured output: output in JSON/HTML memorized it. Check all the conditions/assumptions in task **Model Limitations Principles** Few Shot Prompting: give examples of successful answers To reduce: Instruct the model to first find relevant info. then Break the task into multiple steps answer the question based on the relevant info If the original task is to judge the correctness of an answer, 2, Give the model time to think instruct the model to find its own solution and compare the answer to that Context matters: summarize for shipping department Summarization Create a list to run a single prompt on multiple data sets Sentiment Analysis **Prompt Engineering** Topic Modeling Inferring Zero-shot learning algorithm: determining whether certain topics Tasks are covered in a text Translating from one programming language to another Modify the prompt to keep getting closer to the desired result Formal and Informal **Translation Iterative process** Grammar Similar to training a machine learning model Temperature: allows more variability Expanding 0: low variability -> get same results everytime

Chatbot