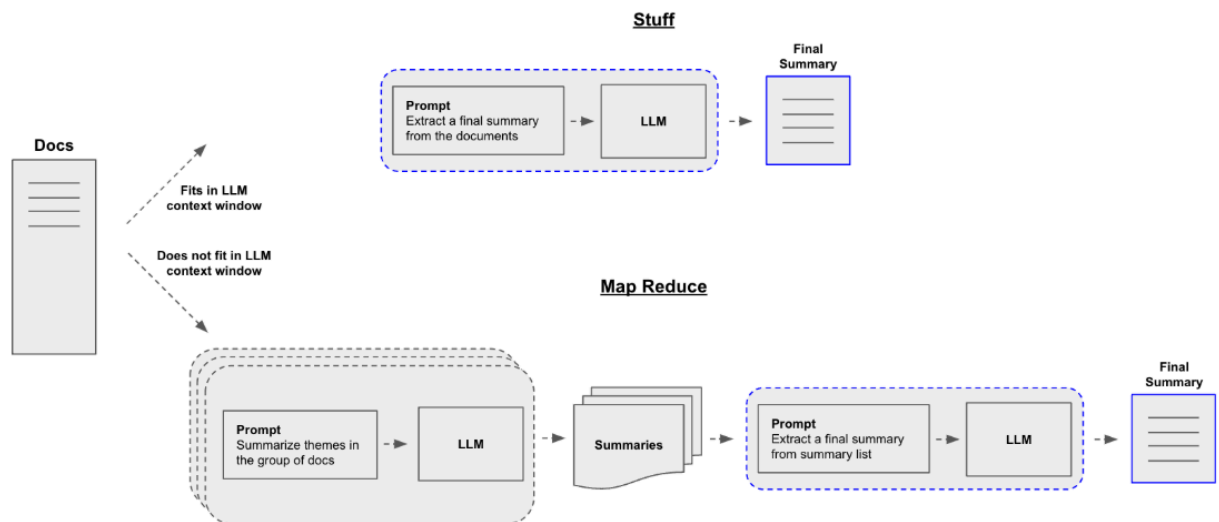


# Summarization Techniques

1. Stuff Document Chain - Simplest
2. Map Reduce Summarization Technique - Used for larger files and can be implemented using a single prompt template as well as multiple prompts
3. Refine Chain Summarization



Stuff takes a single prompt and sends it to LLM, so if the document is huge, then we won't be able to use it cause LLM has a certain context window

That's why, in Map Reduce, we have divided the data into multiple chunks and for each separate chunk, we pass it through a prompt and LLM and then summarize each of the chunk then, whatever we get, we send all the summarized chunks into a final prompt and then again into LLM to get a final summary!

While Refine just makes a slight modification to Map Reduce, which is simply passing a summary of the first chunk to the second, and subsequently the second chunk's summary to the third chunk, and like that.