This is not mandatory reading, but here's the code we'll run in the "Snowflake Cortex LLM Functions" videos. It may come in handy when you're doing the associated hands-on assignment.

---> use the mistral-7b model and Snowflake Cortex Complete to ask a question

SELECT SNOWFLAKE.CORTEX.COMPLETE(

'mistral-7b', 'What are three reasons that Snowflake is positioned to become the go-to data platform?');

---> now send the result to the Snowflake Cortex Summarize function

SELECT SNOWFLAKE.CORTEX.SUMMARIZE(SNOWFLAKE.CORTEX.COMPLETE(

'mistral-7b', 'What are three reasons that Snowflake is positioned to become the go-to data platform?'));

---> run Snowflake Cortex Complete on multiple rows at once

SELECT SNOWFLAKE.CORTEX.COMPLETE(

'mistral-7b',

CONCAT('Tell me why this food is tasty: ', menu\_item\_name)

) FROM FROSTBYTE\_TASTY\_BYTES.RAW\_POS.MENU LIMIT 5;

---> check out what the table of prompts we’re feeding to Complete (roughly) looks like

SELECT CONCAT('Tell me why this food is tasty: ', menu\_item\_name)

FROM FROSTBYTE\_TASTY\_BYTES.RAW\_POS.MENU LIMIT 5;

---> give Snowflake Cortex Complete a prompt with history

SELECT SNOWFLAKE.CORTEX.COMPLETE(

'mistral-7b', -- the model you want to use

[

{'role': 'system',

'content': 'Analyze this Snowflake review and determine the overall sentiment. Answer with just \"Positive\", \"Negative\", or \"Neutral\"' },

{'role': 'user',

'content': 'I love Snowflake because it is so simple to use.'}

], -- the array with the prompt history, and your new prompt

{} -- An empty object of options (we're not specify additional options here)

) AS response;

---> give Snowflake Cortex Complete a prompt with a lengthier history

SELECT SNOWFLAKE.CORTEX.COMPLETE(

'mistral-7b',

[

{'role': 'system',

'content': 'Analyze this Snowflake review and determine the overall sentiment. Answer with just \"Positive\", \"Negative\", or \"Neutral\"' },

{'role': 'user',

'content': 'I love Snowflake because it is so simple to use.'},

{'role': 'assistant',

'content': 'Positive. The review expresses a positive sentiment towards Snowflake, specifically mentioning that it is \"so simple to use.\'"'},

{'role': 'user',

'content': 'Based on other information you know about Snowflake, explain why the reviewer might feel they way they do.'}

], -- the array with the prompt history, and your new prompt

{} -- An empty object of options (we're not specify additional options here)

) AS response;