DEMISTIFYING AGENTS & TOOLS IN LANGCHAIN

STEPS TO BUILD CUSTOM AGENT AND TOOLS

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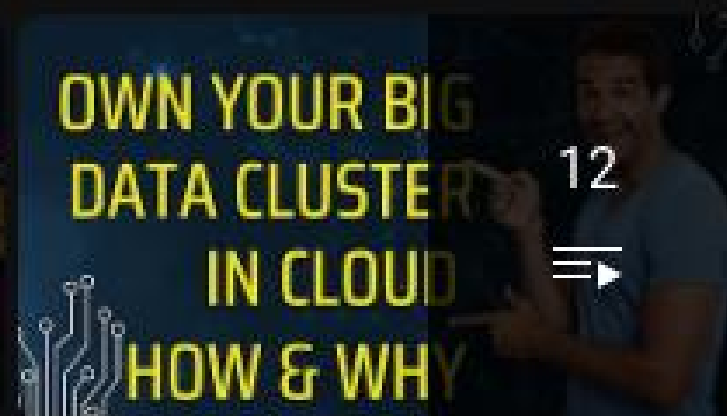HOME   VIDEOS   **PLAYLISTS**   COMMUNITY   CHANNELS   ABOUT   🔍   >

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STEPS TO BUILD CUSTOM AGENT

EASIEST ROUTE IS TO USE LLMCHAIN WITH ZEROSHOT

AGENT. PROMPTS MAKE ALL THE DIFFERENCE

PROMPT TEMPLATE WITH BELOW PARTS

TOOLS: LIST OF TOOLS THE AGENT WILL HAVE ACCESS TO, USED TO FORMAT THE PROMPT.

PREFIX: STRING TO PUT BEFORE THE LIST OF TOOLS.

SUFFIX: STRING TO PUT AFTER THE LIST OF TOOLS.

INPUT_VARIABLES: LIST OF INPUT VARIABLES THE FINAL PROMPT WILL EXPECT.

CREATE LLM CHAIN WITH PROMPT

USE ZERO SHOT AGENT ON THE LLMCHAIN

USING AGENTEXECUTOR.RUN METHOD TO EXECUTE

STEPS TO BUILD CUSTOM TOOLS

TOOLS ARE MADE OF PYTHON FUCTIONS + LLMS

- NAME (STR), IS REQUIRED
- DESCRIPTION (STR), IS OPTIONAL
- FUNCTION, TO EXECUTE
- RETURN_DIRECT (BOOL), DEFAULTS TO FALSE

TOOLS ARE CHAINED TOGETHER USING INITIALIZEAGENTS

PYTHON CLASSES CAN BECOME A TOOL BY INHERITING

BASETOOL CLASS

PYTHON FUNCTION CAN BECOME A TOOL BY USING THE

TOOL DECORATOR

GOOGLE COLLAB

EASIEST AND MOST

REPEATABLE WAY OF GETTING

THE LLM TO PLAY WITH IS

GOOGLE COLLAB

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Repo contains the code, data and supporting documents including presentations, playbooks and additional documents to support learning

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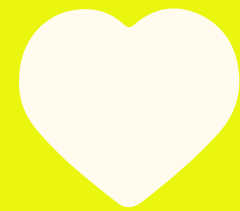Contributors

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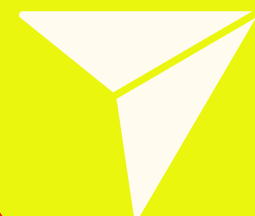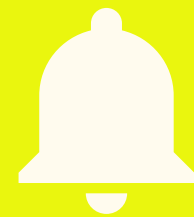
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