BUILDING CUSTOM AGENTS AND CHAINS
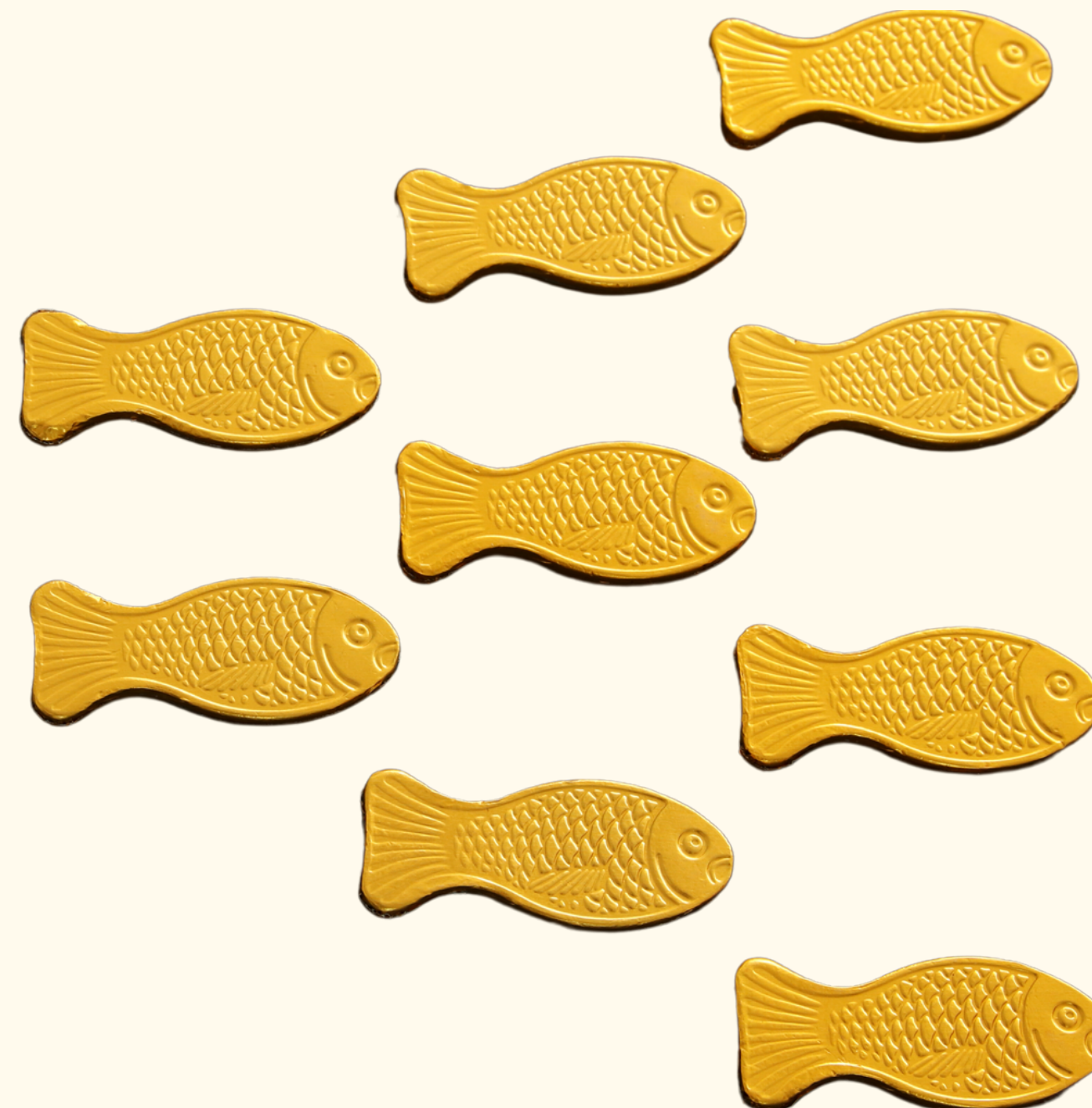
WITH OPEN SOURCE LLM ALPACA-LORA ON COLAB

HTTPS://GITHUB.COM/INSIGHTBUILDER

OPENING LANGCHAIN TO OPENSOURCE

- ALL THE AGENTS AND CHAINS ARE DEPENDENT ON OPENAI.

- INTRODUCTION OF OPENSOURCE LLM, CREATING AGENTS AND CHAINS IS THE WAY FORWARD

- THIS PRESENTATION JUST SCRATCHES AT THE POSSIBILITIES, A LOT OF DEVELOPMENT IS POSSIBLE

WHAT IS THE CHALLENGE

1) NEED AN LLM THAT CAN WORK EQUAL TO OR BETTER THAN TEXT-DAVINCI-003

2) THAT LLM HAS TO BE CONVERTED IN TO LANGCHAIN LLM

3) OUTPUT FROM THE LLM HAS TO MATCH WITH THE EXISTING PROMPT TEMPLATES INSIDE LANGCHAIN LIBRARRY

4) OUTPUT SHOULD FINALLY BE SAFE FOR CONSUMPTION, AND USEFUL FOR DOWNSTREAM ACTIVITY

BUILD CUSTOM CHAINS + AGENTS

1) CHAINS ARE MADE OF LLMS AND TOOLS, WHILE THE AGENTS ARE THE PROMPTS THAT INTERFACE WITH THE LLM AND ORCHESTRATE.

2) BUILD THEM IN THE USUAL FASHION, BUT USING THE OPEN SOURCE LLM

3) SERIALIZE THE OUTPUT AS JSON AND SHARE IT.

GOOGLE COLLAB

EASIEST AND MOST

REPEATABLE WAY

OF GETTING THE

LLM TO PLAY WITH

IS GOOGLE COLLAB

insightbuilder/
python_de_learners_data

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

👥 2
Contributors

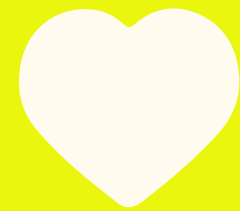⊙ 0
Issues

⭐ 6
Stars

⅄ 1
Fork

python_de_learners_data/agents_chains_with_llm_alpaca_lora.ipynb at main · insightbuilder/python_de_learners_data
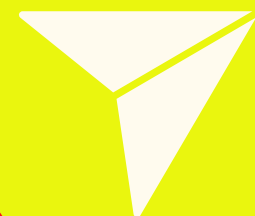
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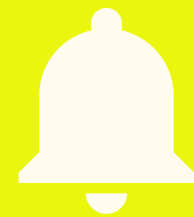
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THANKS FOR WATCHING

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