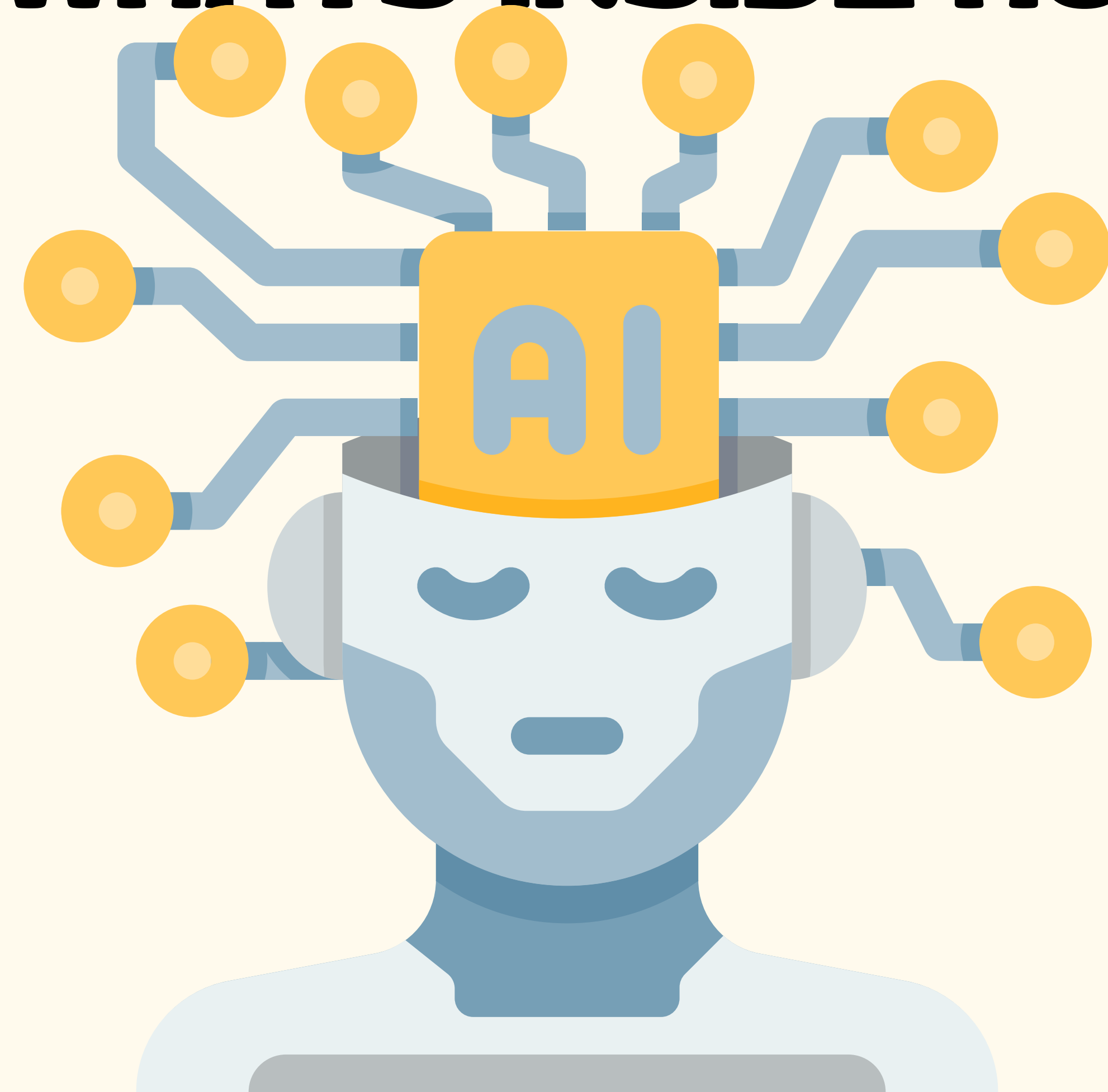


WHATS INSIDE HUGGING GPT?



NOT AGI

**ITS PROMPTS
AND CONTROL
LOOPS**

[HTTPS://GITHUB.COM/INSIGHTBUILDER](https://github.com/insightbuilder)

HUGGING GPT INTRO

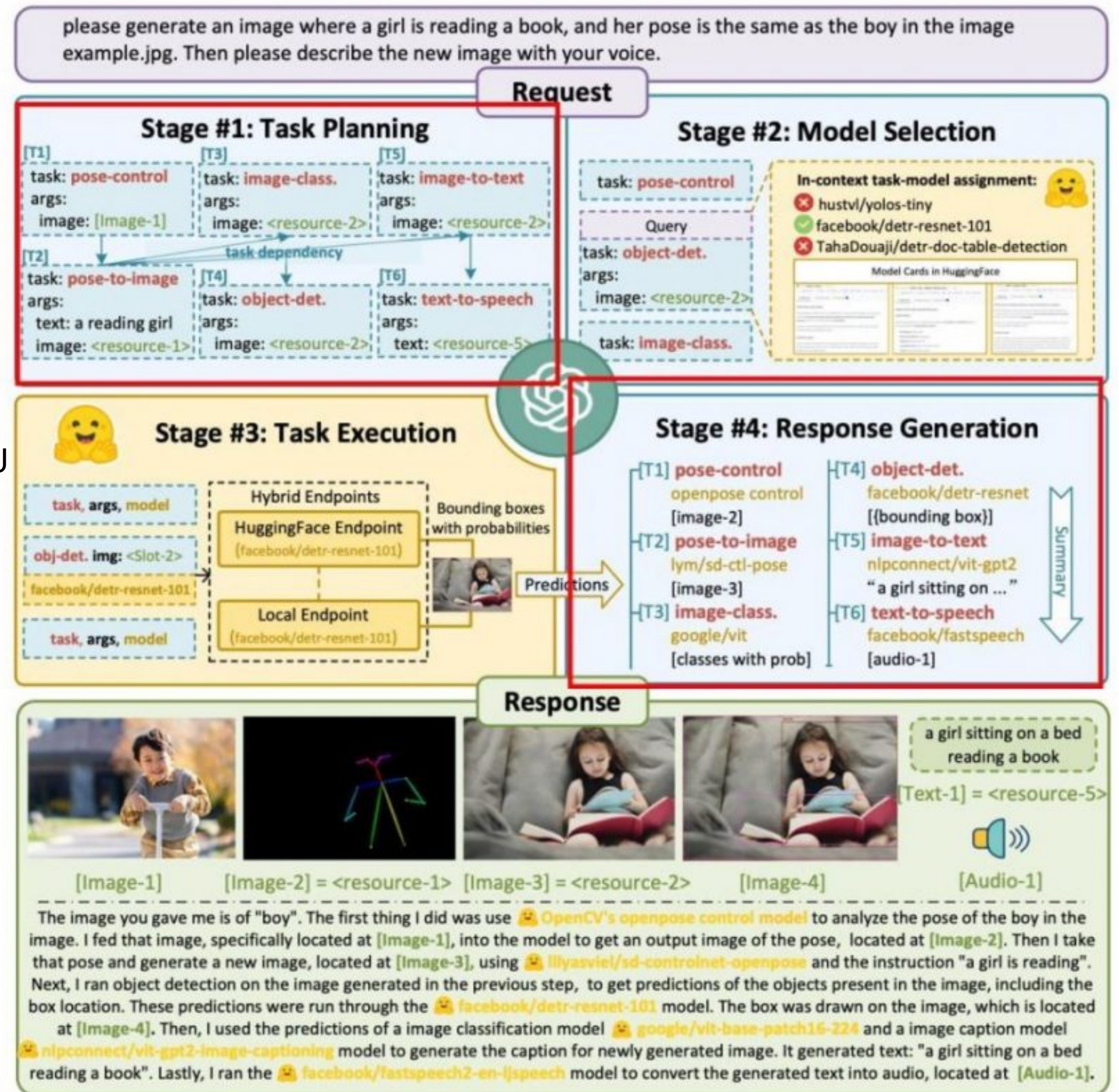
THANKS TO:

HUGGINGGPT: SOLVING AI TASKS WITH
CHATGPT AND ITS FRIENDS IN
HUGGINGFACE, YONGLIANG SHEN, KAITAO
SONG, XU TAN, DONGSHENG LI, WEIMING LU
AND YUETING ZHUANG (THE FIRST TWO
AUTHORS CONTRIBUTE EQUALLY)

INTRODUCTION:

WE INTRODUCE A COLLABORATIVE SYSTEM
THAT CONSISTS OF AN LLM AS THE
CONTROLLER AND NUMEROUS EXPERT MODELS
AS COLLABORATIVE EXECUTORS (FROM
HUGGINGFACE HUB). THE WORKFLOW OF OUR
SYSTEM CONSISTS OF FOUR STAGES:

[HTTPS://GITHUB.COM/INSIGHTBUILDER](https://github.com/insightbuilder)



HUGGING GPT UNDER THE HOOD : PROMPTS

ADVANTAGES OF HUGGINGGPT

- **TASK PLANNING FROM PROMPT**
- **INTEGRATING WITH MULTIPLE MODELS AND SELECTION**
- **EXECUTE THE TASK FROM HUMAN INPUT**
- **TAKE THE OUTPUT, MAKE IT HUMAN READABLE/HEARABLE.**
- **MODELS ARE LOCAL**

HUGGING GPT CHALLENGES

- 1.NEED LARGE LANGUAGE MODEL**
- 2.LIMITATION IN CONTEXT MEMORY**
- 3.CONTROLLING THE MODEL & TASK SELECTION**
- 4.PROVIDING A PROGRAMMABLE DATA INGESTION ROUTE**
- 5.NEEDS A HUMAN TO WRITE THE INITIAL PROMPT**

- **CHAT GPT MODEL IS PROMPTED AT TASK SELECTION STEP**
- **FINAL RESPONSE IS CONTROLLED BY THE PROMPT**

LETS HEAD TO GIT REPO

NOW WE ARE TALKING. PRACTICE???

**CODE WILL
DOWNLOAD
ALL THE MODEL!!!!
REQUIRE OPENAI &
HF KEY.**

microsoft/JARVIS



JARVIS, a system to connect LLMs with ML community

 7

 11

 6k

 275





microsoft/JARVIS: JARVIS, a system to connect LLMs with ML community. Paper: <https://arxiv.org/pdf/2303.17580.pdf>

JARVIS, a system to connect LLMs with ML community. Paper: <https://arxiv.org/pdf/2303.17580.pdf> - GitHub - microsoft/JARVIS: JARVIS, a system to connect LLMs with ML community. Paper: <https://arxiv.org/pdf/2303.17580.pdf>

 GitHub

insightbuilder/
python_de_learners_data



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

 2

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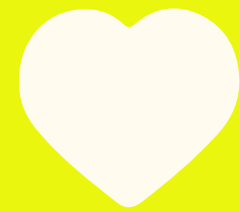


python_de_learners_data/code_script_notebooks/projects/JARVIS at main · insightbuilder/python_de_learners_data

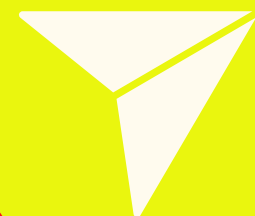
Repo contains the code, data and supporting documents including presentations, playbooks and additional documents to support learning - python_de_learners_data/code_script_notebooks/projects/JARVIS...

 GitHub

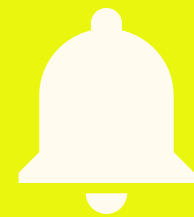
THANKS FOR WATCHING



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