



SECURE ANONYMIZING INFORMATION FILTER

# SAiF-GPT

Anonymize sensitive info before going to cloud LLM

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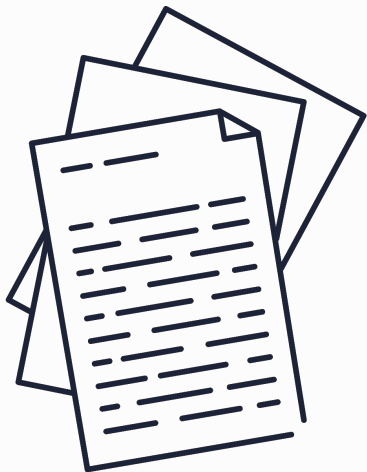
**05**

**future potential**

# 01 problem



# problem

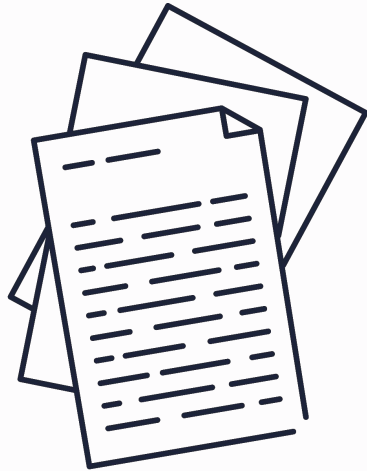


**Text document**



**ChatGPT**

# problem



Text document



ChatGPT

Analyze text

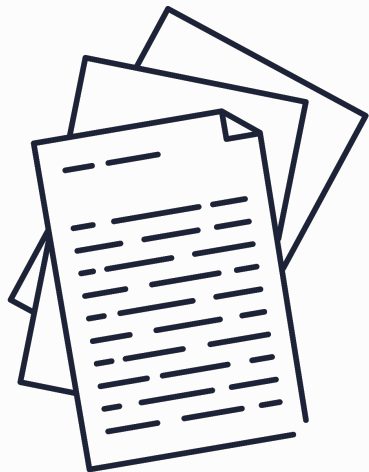
Verify content

Summarize

Revise language

New proposals  
from examples

# problem



Text document

NDA  
Confidential



ChatGPT

The background features abstract, light blue organic shapes in the corners: a large shape in the top-left, a vertical shape on the right, and a horizontal shape in the bottom-left.

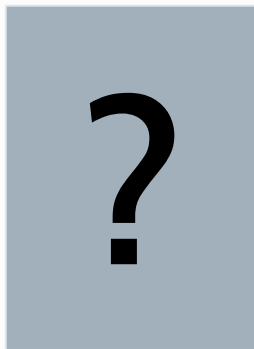
02

**objective**

# objective



Text document



Anonymized  
document

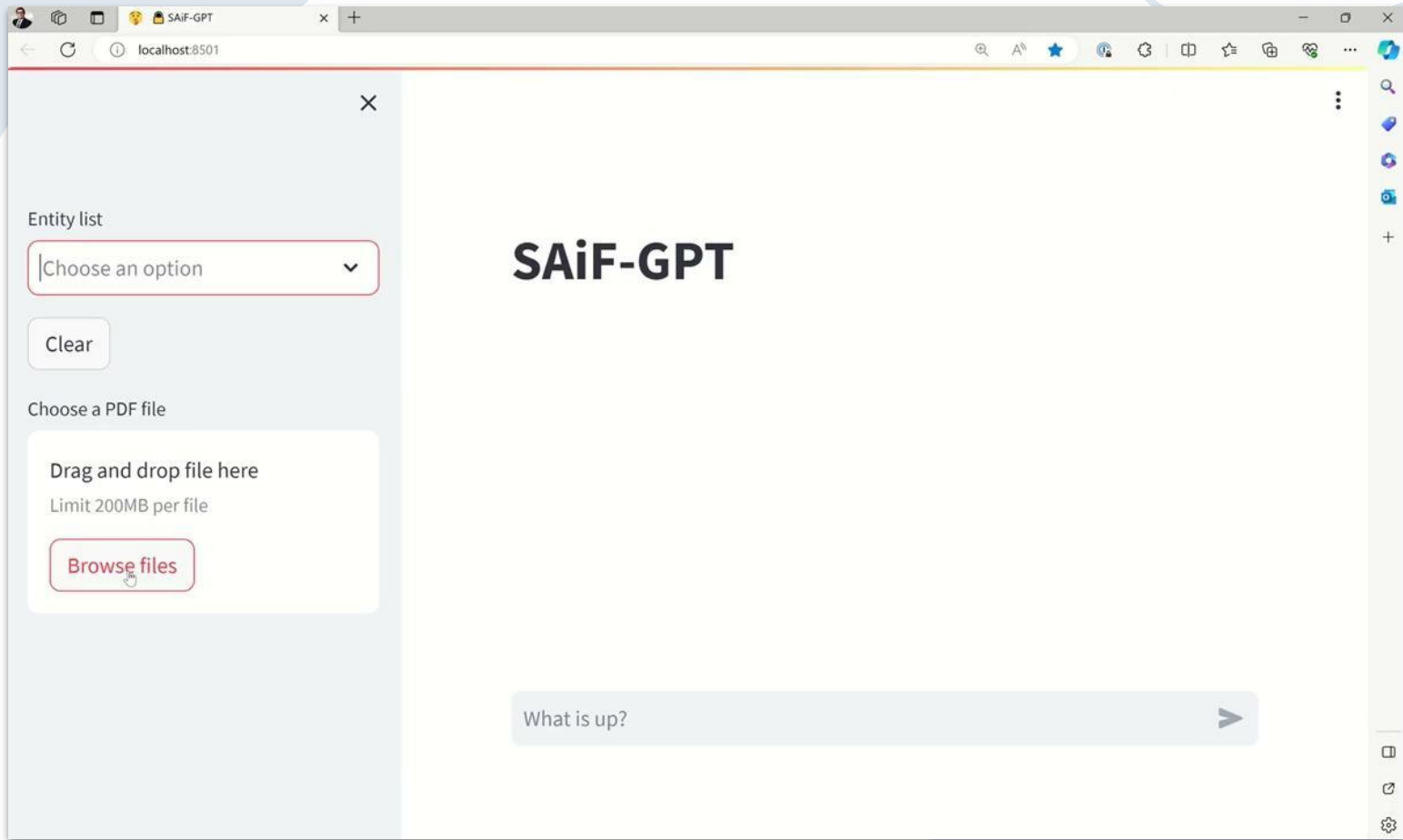


ChatGPT



# 03 solution







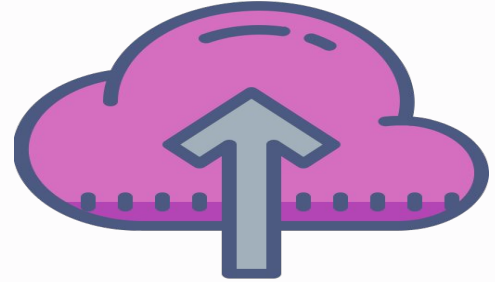
# 04

## **method**

# large language model dilemma

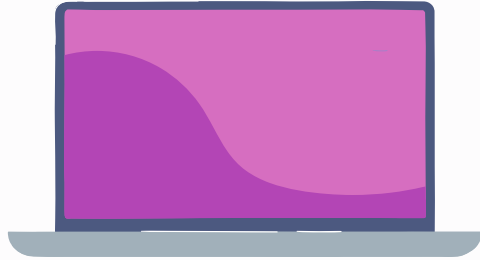


**Local LLM**

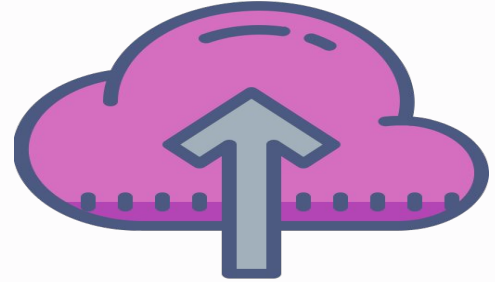


**Cloud LLM (Chat-GPT)**

# large language model dilemma



**Local LLM**



**Cloud LLM (Chat-GPT)**

✓	Protects Privacy	✗
✓	Identify Names and Entities	✓
✗	Powerful Document Analysis	✓

# large language model dilemma



**Local LLM**



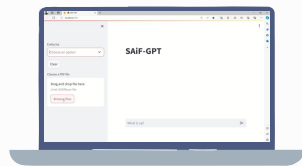
**Cloud LLM (Chat-GPT)**

✓	Protects Privacy	✗
✓	Identify Names and Entities	✓
✗	Powerful Document Analysis	✓

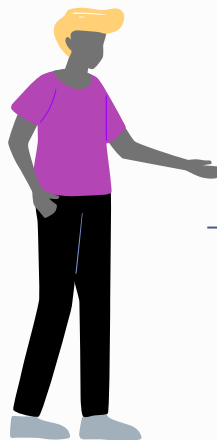
# method



Hello!  
I'm Robert



**SAiF-GPT**  
(Using Local LLM)

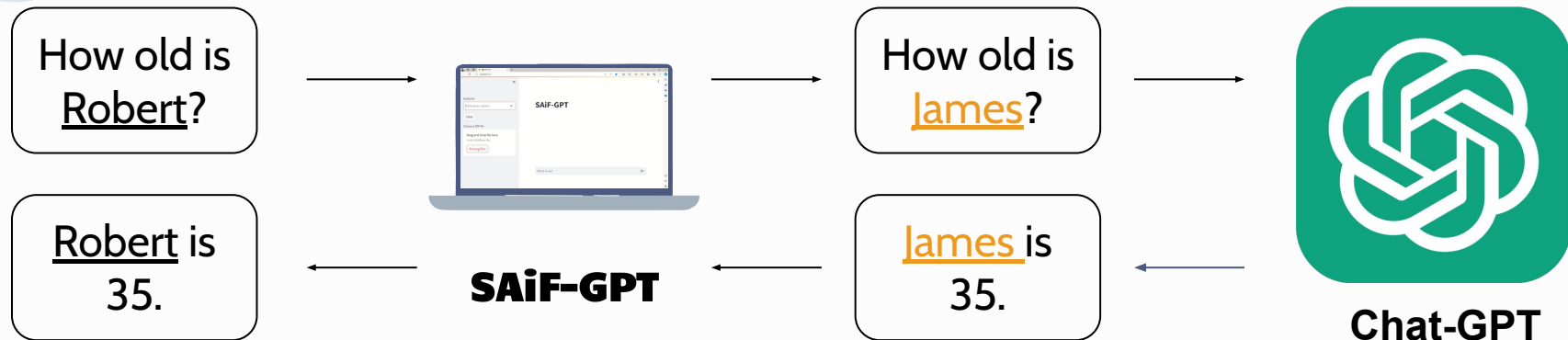


Hello!  
I'm "James"



**Chat-GPT**  
(Cloud LLM)

# method





Entity list

LOC x ORG x

PER x EMAIL x

PHONE x

Clear

Choose a PDF file

Drag and drop file here

Limit 200MB per file

Browse files

ODA\_sample-propo... 239.8KB

# SAiF-GPT

Who can help me with this proposal if I have additional questions?

Who can help me with this proposal if I have additional questions?

If you have additional questions, you can contact per2 at phone13 or email1. They will be able to provide more information and assistance regarding the proposal.

Decoded message:

If you have additional questions, you can contact Sara Martin at 865-603-4756 or [sara@opendoorarchitecture.com](mailto:sara@opendoorarchitecture.com). They will be able to provide more information and assistance regarding the proposal.

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What is up?

**Anonymized Items:** company/client info, addresses, emails, names, and phone numbers

# SAiF-GPT

Who can help me with this proposal if I have additional questions?

User input



Who can help me with this proposal if I have additional questions?

Chat-GPT raw response



If you have additional questions, you can contact per2 at phone13 or email1. They will be able to provide more information and assistance regarding the proposal.

SAiF-GPT decoded

Decoded message:

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SAiF-GPT entity highlighting

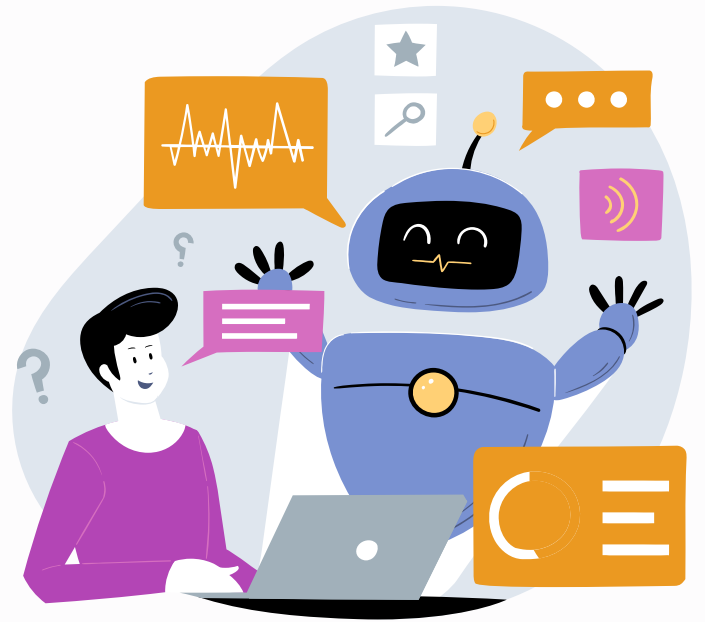
If you have additional questions, you can contact Sara Martin at 865- 603 - 4756 or [sara@opendoorarchitecture.com](mailto:sara@opendoorarchitecture.com). They will be able to provide more information and assistance regarding the proposal.

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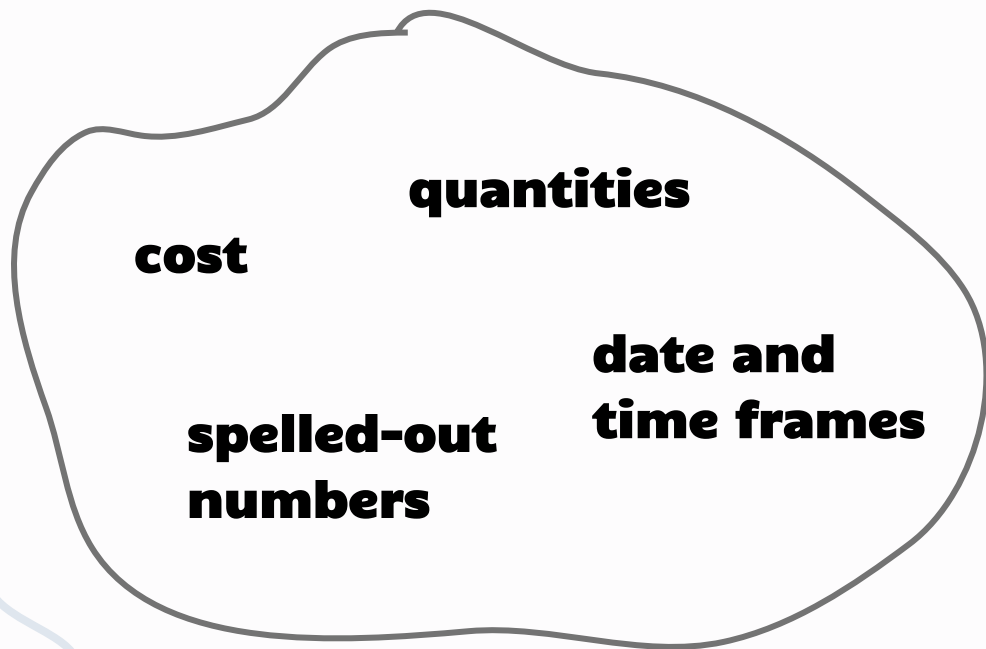
# 05

## next steps

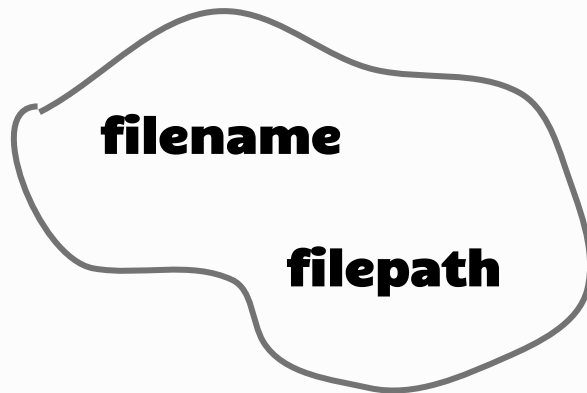


# expanding entity types

## other numeric entities



## miscellaneous



# Good teamwork !





**Thank you !**