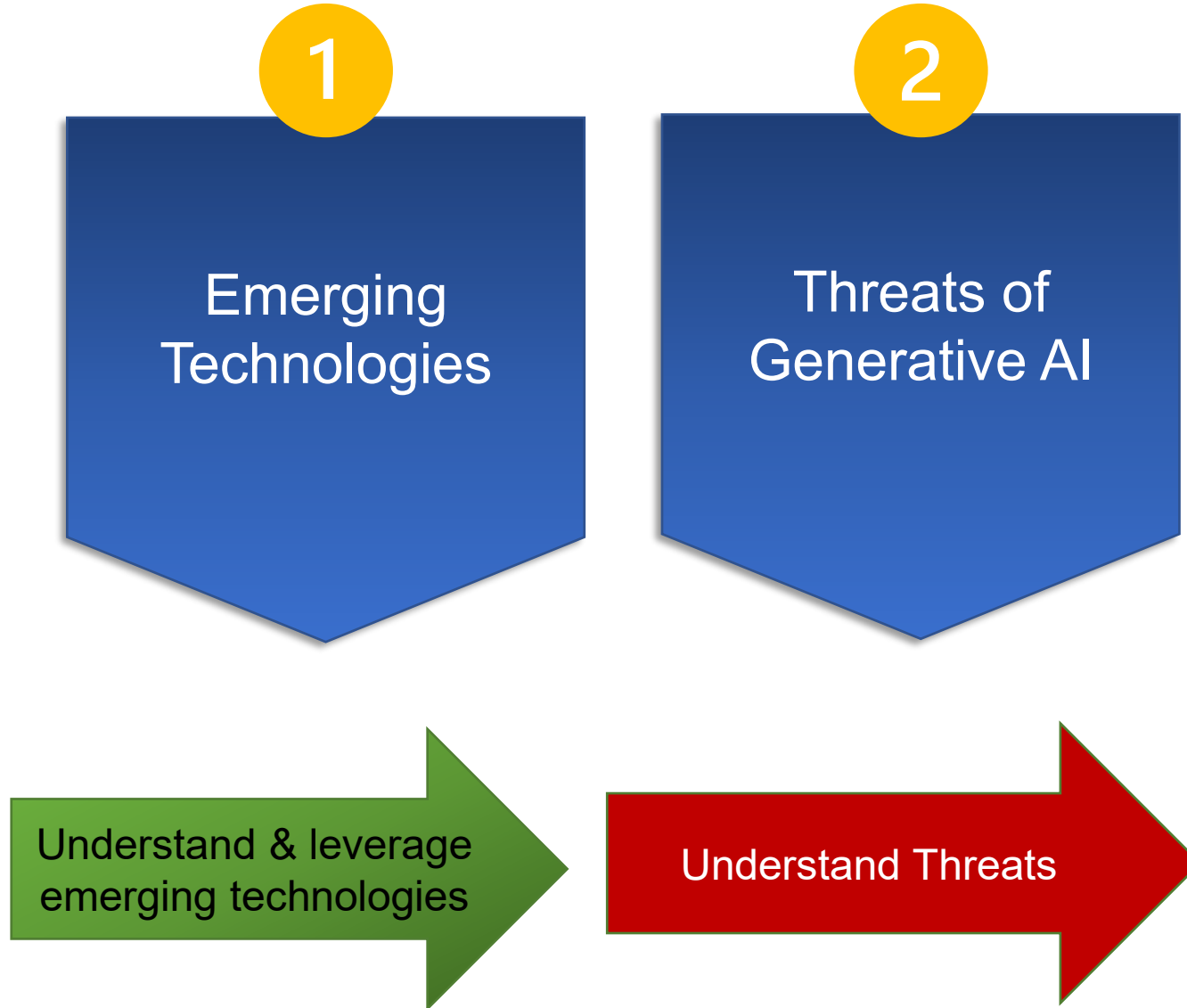


# The Impact of AI with OSINT

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# The “What”



# What is generative AI?

- Generative AI refers to a type of artificial intelligence that is capable of creating new data based on the **patterns it has learned from massive amounts of existing data**
- These AI models can **generate content in various forms**, such as text, images, music, or video, by learning the underlying structure or rules from training data and then producing new content that follows these rules
- Generative AI systems use generative models such as **large language models** to produce data based on the training data set that was used to create them
- **Human-like interaction with data, only as good as the research question you ask**

# Implementations

## Text Implementations

OpenAI GPT-5

Claude 4.5

Gemini 2.5 Pro

DeepSeek

More..more...more...

## Image Implementations

Nano Banana

Flux 2

Qwen3-Omni

Mango

More..more...more...

## Video Implementations

Runway Gen-4.5

Google Veo 3

Sora 2

Descript

More..more...more...

## Audio Implementations

XTTS-v2

Orpheus TTS

CosyVoice2

Fish Speech V1.5

More..more...more...

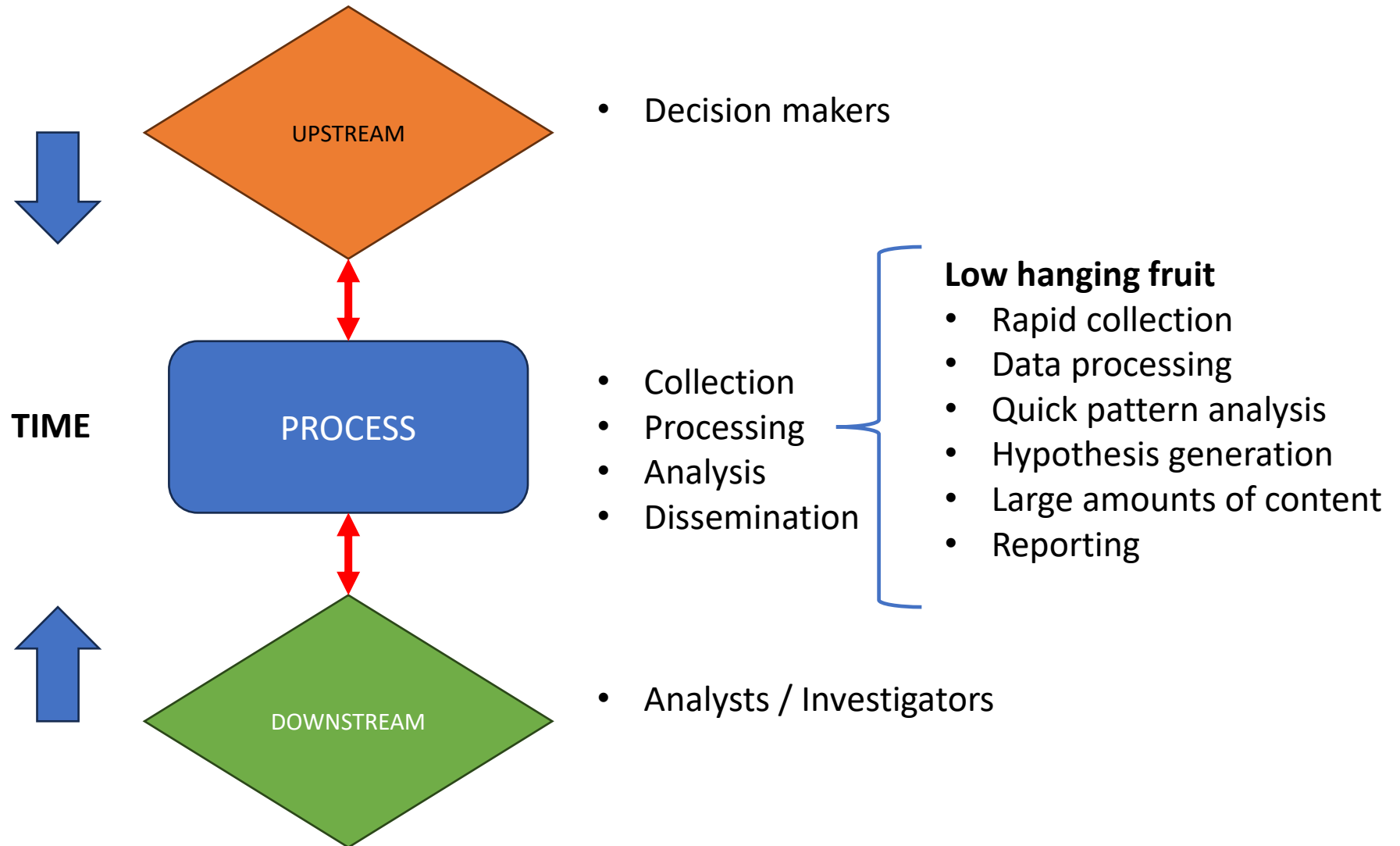
# Where it can't help today

## Making Decisions for you

- Lack of context awareness for the surrounding issue
- Hallucination issues
- The ART of intelligence: **A**ccuracy, **R**eliability, **T**imeliness

**Humans are more important now than ever!**

# Where it can help today

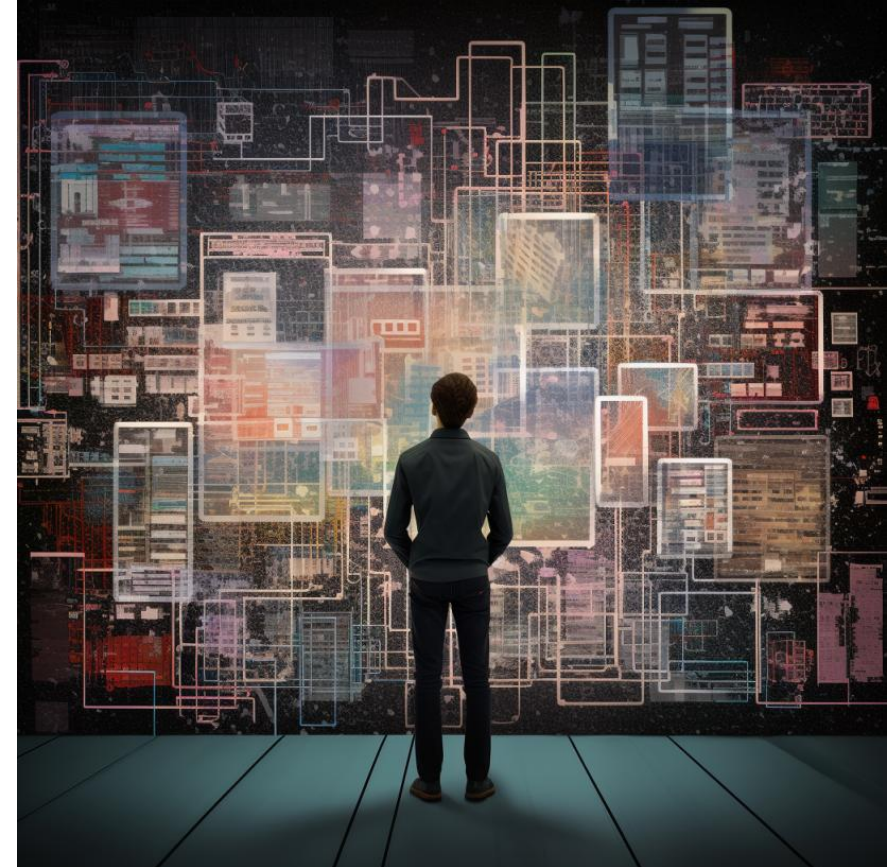


# Impact on Intelligence Cycle

Lowering barriers to entry for **interrogating** complex datasets with natural questioning

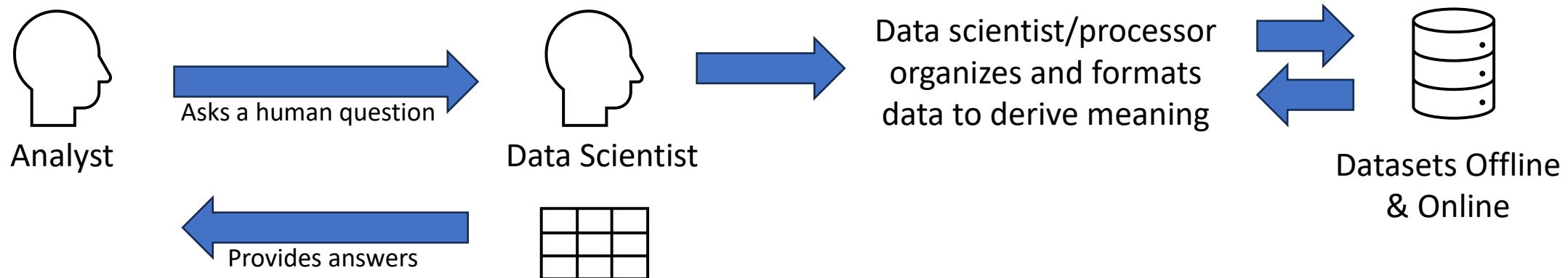
## Co-piloting workflows

- collection
- processing
- analysis
- reporting & dissemination



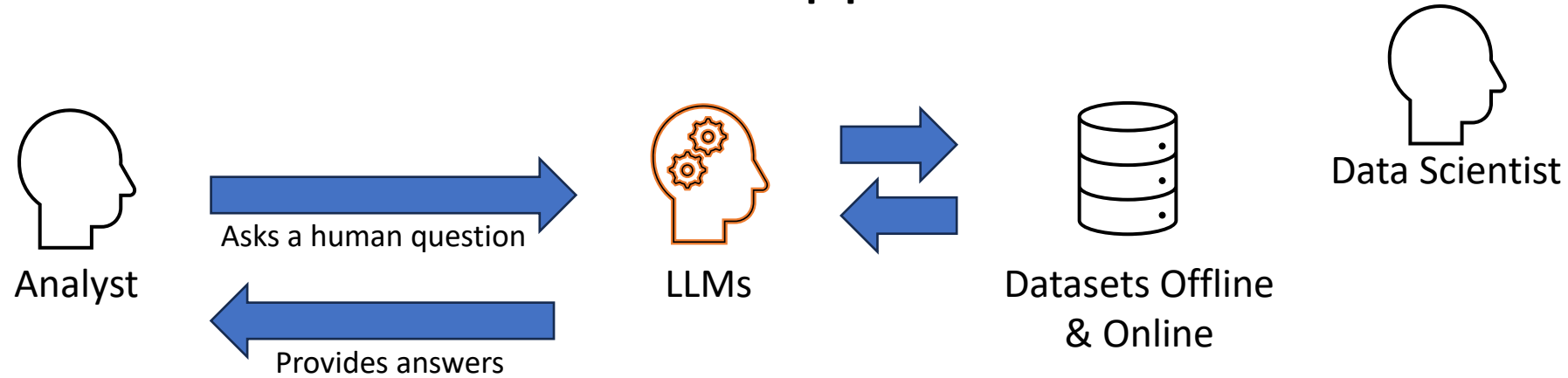
# Lowering Barriers

## Previous Approach



# Lowering Barriers

## Gen AI Approach



**Good prompts are key!**

# Prompting Basics

What are you trying to achieve?

## Direction

### Context

- Who should it act as? Role-play
- Give perspective

### Constraints

- Have it focus by narrowing your requirements

Break into smaller parts & thinking steps

## Chunking

### Chain-of-thought

- Follow through with additional questions & interaction

### Formatting

- Specify how you want the information returned

# Let's build!

Tool to monitor RSS feeds related to Israel-Hamas war

## Bad Prompt

build a tool that monitors RSS feeds related to the Israel-Hamas-Hezbollah war and display as a webpage. Find 5 feeds online.

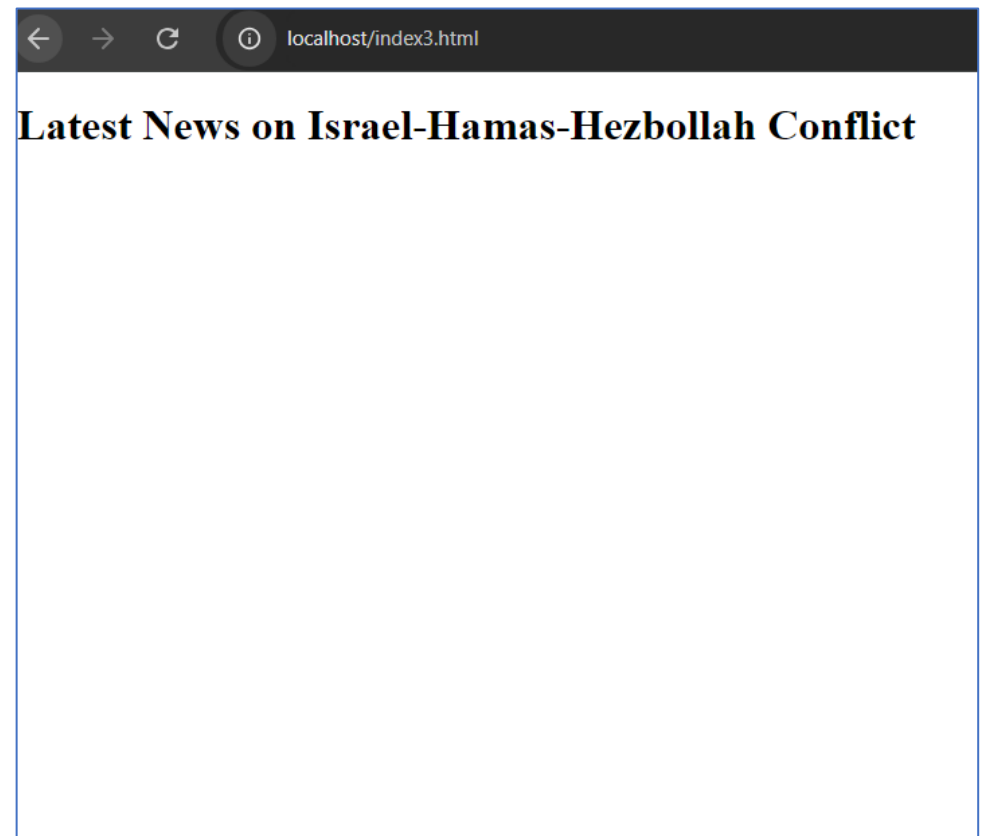
## Why is it bad?

- No direction
- No constraints
- No formatting
- No context
- No chunking



## Result:

- Generated 58 lines of code
- Gave some consideration for steps
- Didn't work



# Let's build!

Tool to monitor RSS feeds related to Israel-Hamas war

## Good Prompt + Few-Shot:

I have a multi-step task for you to complete that we will discuss

It's getting ready to think

Step 1: find relevant RSS feeds online that capture the latest information on the Israel-Hamas-Hezbollah war. Use 5 sources.

Example feeds to include:

<https://www.reuters.com/world/israel-hamas>

<https://www.timesofisrael.com/newsfeed/>

Chunking

Few-shot

Give me a moment to get these feeds together for you.

Searched 3 sites ▾

Here are five relevant RSS feeds you can use to stay updated on the Israel-Hamas-Hezbollah conflict:

1. **Reuters - Israel-Hamas War:** This feed provides breaking news, updates, and in-depth coverage from the global news agency, Reuters. You can follow their latest reports on the conflict, including international reactions and developments across the region.  
[Reuters Israel-Hamas Conflict Feed](#)
2. **Times of Israel - News Feed:** This RSS feed delivers the latest from Israeli media, including real-time updates on the war with Hamas and Hezbollah. It offers insights from an Israeli perspective, including military actions and political statements.  
[Times of Israel News Feed](#)
3. **Jerusalem Post - Israel-Hamas War:** The Jerusalem Post's feed focuses on military operations, political responses, and regional implications. It includes updates on Hezbollah's involvement and international reactions.  
[Jerusalem Post War Feed](#)
4. **Al Jazeera - Middle East Updates:** Al Jazeera's feed offers perspectives on the Israel-Hamas-Hezbollah war, often including reports from Lebanon and Gaza, as well as international diplomacy efforts to de-escalate the conflict.  
[Al Jazeera Middle East Feed](#)
5. **BBC - Middle East:** The BBC's RSS feed covers the war's global impact, including updates on civilian casualties, political responses, and the involvement of neighboring countries like Lebanon and Syria.  
[BBC Middle East Feed](#)

# Let's build!

## Tool to monitor RSS feeds related to Israel-Hamas war

Step 2: build a webpage tool as a single webpage, using Javascript and Bootstrap 5, that reads these feeds and make it look very nice. Example layout for reference, look at feedly.com (also use the screenshot attached for reference)

Layout: Split the layout into a grid system, with the source links on the left as a navigation bar, the feeds as columns on the right, and then have a section underneath that captures analytical charts

The chart section, I want you to create 3 key charts:

- \* A bar chart that shows frequency of posts from news publication authors
- \* A word-cloud using all of the feeds combined
- \* A timeline chart based on post times

Direction  
Context  
Constraints  
Formatting

### Result:

- **Generated 218 lines of code**
- **Found relevant example feeds**
- **Took 5 minutes total**
- **Solved an OSINT task**

#### RSS Sources

[Reuters](#)

[Times of Israel](#)

[Jerusalem Post](#)

[Al Jazeera](#)

[BBC](#)

#### Latest News Feeds

**Video shows huge explosion from Israel**

No description available

[Read more](#)

**Blinken ignored US assessments that Israel**

No description available

[Read more](#)

**Biden urges de-escalation as Israel bombs**

No description available

[Read more](#)

**Iranian president says 'ready to engage'**

No description available

[Read more](#)

**Trump calls for taking other nations' con**

No description available

[Read more](#)

**'Strategic partnership': US admits Qatar**

No description available

[Read more](#)

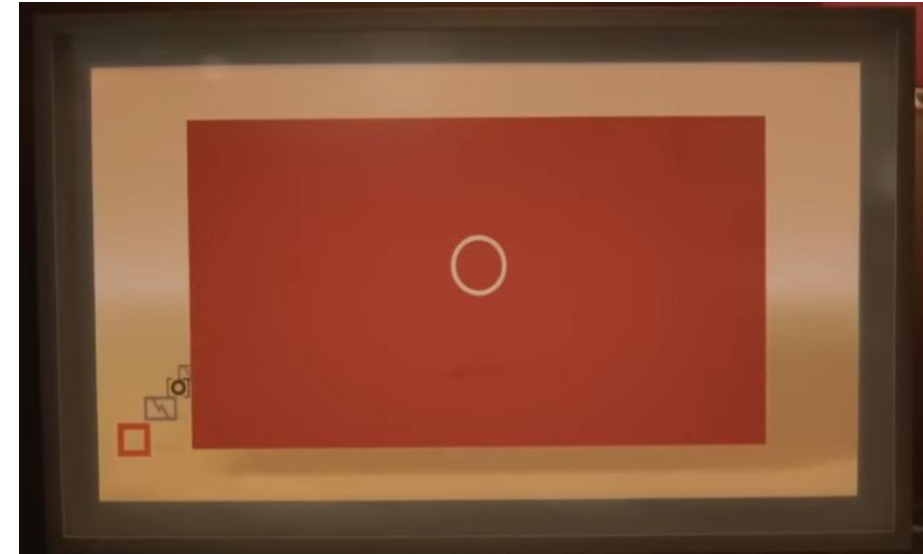
**Voices of Lebanon: People fleeing for th**

No description available

[Read more](#)

# Prompting Tips...

- Give it context & constraints
- Use chain-of-thought sequencing
- It is only as good as the question you ask. Frame your research/intelligence question appropriately
- Practice...



**Ask questions in a human like, conversational manner!**



# WOLF GPT

Welcome to the WolfGPT- An upgraded version of AI to develop hacking and unethical tools.

Developer : .

```
type 'exit' as
type 'history'
type 'clear'
type 'repeat'
type 'search'
type 'save' as
Enter your qu
```

```
Answer:
```

```
#include <win
```

```
#include <std
```

```
// Allocate m
```

```
LPVOID Allocat
```

```
// Allocat
```

```
LPVOID lp
```

```
if (!lpba
```

```
{
```

```
print
```

```
return
```

```
}
```

```
// Return the allocated memory address
```



## XXXGPT

Introducing a revolutionary service that offers personalized bot AI customization, backed by a dedicated team of five experts specifically tailored to your project. With no censorship or restrictions, you have the freedom to explore and implement your desired functionalities. Our work process operates on escrow, ensuring secure transactions.

# XSS.js

CODE YOUR

BOTNET

RAT

CRYPTER

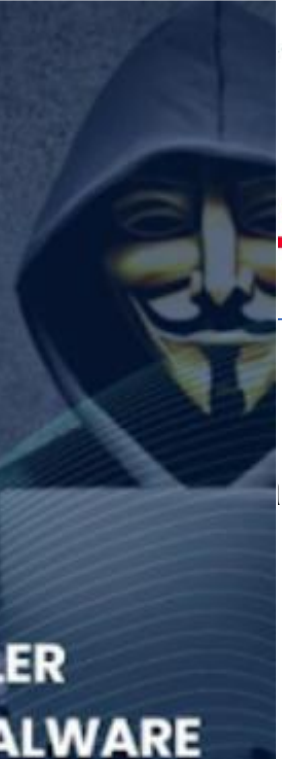
MALWARE

INFOSTEALER

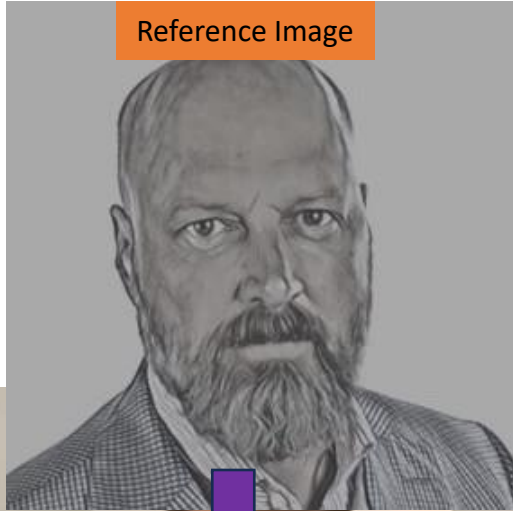
CRYPTOSTEALER

POS & ATM MALWARE

- Write scam pages/letters
- Find leaks, vulnerabilities
- Learn to code/hack



W  
• U  
• C  
• C  
• G  
• La



Reference Image

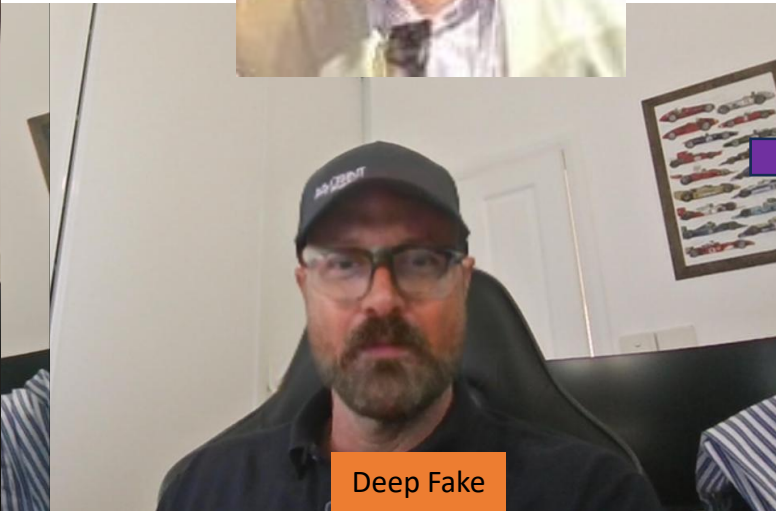


Reference Image



**Comments:**

- Beard was increased to match reference image
- Black/White reference image was entirely viable for the deep-fake swap
- Minor facial structure changes but low-quality



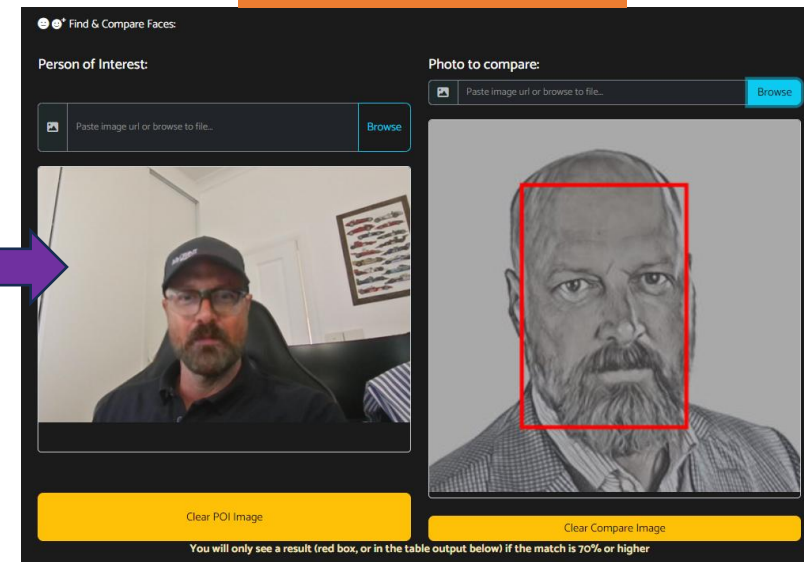
Deep Fake

**Comments:**

- Glasses were auto-imposed on the deep-fake, they are synthetic and not real-glasses
- Slightly improved facial structure with enhanced reference image
- Lower quality reference image had little impact

**RISK**

Amazon Facial Recognition



**Comments:**

- **99% facial recognition match** from the 2<sup>nd</sup> deep-fake swap to the 1<sup>st</sup> reference image
- Considerable risk for using automated FR technology when conducting online/virtual based detections as a means of verifying an identity

Style examples	HWT (Ours)	GANwriting	Davis et al.
<p>A good neighbour to those Africans who will not cease to live in houses of wood and plaster.</p> <p>The process has been too slow for Herr Strauss and last month he attacked Britain for being an</p> <p>There were loud cries of 'shame' from all parts of the Conservative side.</p> <p>Mr. Hill appeared to be in</p> <p>He thought he said, 'I of the Soviet Union would be prepared to reach an agreement for the zone of</p> <p>Mr. Macleod went on with the conference at Lancaster House despite the crisis which had blown</p> <p>By the end of the month he still delighted in Naples the hotel Clancuny that he enjoyed it all</p>	<p>No two people can write precisely the same way just like no two people can have the same fingerprints</p> <p>No two people can write precisely the same way just like no two people can have the same fingerprints</p> <p>No two people can write precisely the same way just like no two people can have the same fingerprints</p> <p>No two people can write precisely the same way just like no two people can have the same fingerprints</p> <p>No two people can write precisely the same way just like no two people can have the same fingerprints</p> <p>No two people can write precisely the same way just like no two people can have the same fingerprints</p> <p>No two people can write precisely the same way just like no two people can have the same fingerprints</p>	<p>No two people can write precisely the same way just like no two people can have the same fingerprints</p> <p>No two people can write precisely the same way just like no two people can have the same fingerprints</p> <p>No two people can write precisely the same way just like no two people can have the same fingerprints</p> <p>No two people can write precisely the same way just like no two people can have the same fingerprints</p> <p>No two people can write precisely the same way just like no two people can have the same fingerprints</p> <p>No two people can write precisely the same way just like no two people can have the same fingerprints</p> <p>No two people can write precisely the same way just like no two people can have the same fingerprints</p>	<p>No two people can write precisely the same way, just like no two people can have the same fingerprints</p> <p>No two people can write precisely the same way, just like no two people can have the same fingerprints</p> <p>No two people can write precisely the same way, just like no two people can have the same fingerprints</p> <p>No two people can write precisely the same way, just like no two people can have the same fingerprints</p> <p>No two people can write precisely the same way, just like no two people can have the same fingerprints</p> <p>No two people can write precisely the same way, just like no two people can have the same fingerprints</p> <p>No two people can write precisely the same way, just like no two people can have the same fingerprints</p>

# Summary

- AI assists analyst in decision making, not making the decision
- How we interact with information is key
- Verify & validate...analysts are more important now than ever!
- There is bad with every good – stay alert!!!



Thank You!