

Diagram illustrating the structure of a ciphertext in a stream cipher:

The ciphertext is represented as a sequence of blocks, each containing 8 bits. The blocks are arranged in a grid-like structure, showing the relationship between the plaintext, the key stream, and the resulting ciphertext.

The diagram shows the following components:

- Plaintext (represented by a long horizontal bar).
- Key stream (represented by a long horizontal bar).
- Ciphertext (represented by a long horizontal bar).
- Operations: XOR ($\oplus$) and addition (+) are used to combine the plaintext and key stream to produce the ciphertext.
- Example: The ciphertext is shown as a sequence of blocks, with the first block being the result of the XOR operation between the first block of the plaintext and the first block of the key stream.

- [illegible]

[illegible]

The diagram shows a sequence of tokens in a text stream. The tokens are represented by colored boxes: blue for common tokens, green for tokens with a frequency of 1, and red for tokens with a frequency of 3. The sequence is: "16:9", "4.0", "GPT-4o", "AI", "1/3", "10", "300%", "2026.5.15", "logo". The tokens are arranged in a single row, with some tokens appearing multiple times. The diagram illustrates how a text stream is tokenized and how token frequency is tracked.

The diagram illustrates the evolution of AI image generation prompts. It shows a series of prompts that become increasingly complex and detailed over time. The prompts are represented by horizontal bars of varying lengths and colors, indicating the growth of the prompt. The prompts include terms like 'AI', 'Midjourney', 'DALL-E', 'Stable Diffusion', 'Canva', 'PS', '3-5', 'Midjourney', 'DALL-E 3', 'Stable Diffusion', 'AI', and 'Midjourney'. The prompts also include various adjectives and parameters, such as 'text', 'AI', 'Midjourney', 'DALL-E', 'Stable Diffusion', 'Canva', 'PS', '3-5', 'Midjourney', 'DALL-E 3', 'Stable Diffusion', 'AI', and 'Midjourney'. The prompts are shown in a sequence, with each prompt building upon the previous one, demonstrating the iterative nature of AI image generation.

/ DALL E 3 / AI

[illegible]

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9:16

1. 
2. 
3. 
4. 
5. 
6. 

-
- 9:16 3
- • / + • / + +
- • / • + +
- 8K 300DPI
-

-  / 
- 
-  / 
- 
-  AI 

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[illegible]

1

 $+$

--	--	--	--	--

--	--	--	--	--	--	--	--

 $\{ \{ \square \square \square \square \square \square \square \square \}$

} }

AI plaintext

--	--	--	--	--	--	--	--

--	--	--	--	--

9:16

8K

$$\square \quad \{ \{ \square \square \square \square \square \square \square \square \}$$

} }

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Al

[illegible]

Midjourney

```
--ar 9:16 --style raw --s 250
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