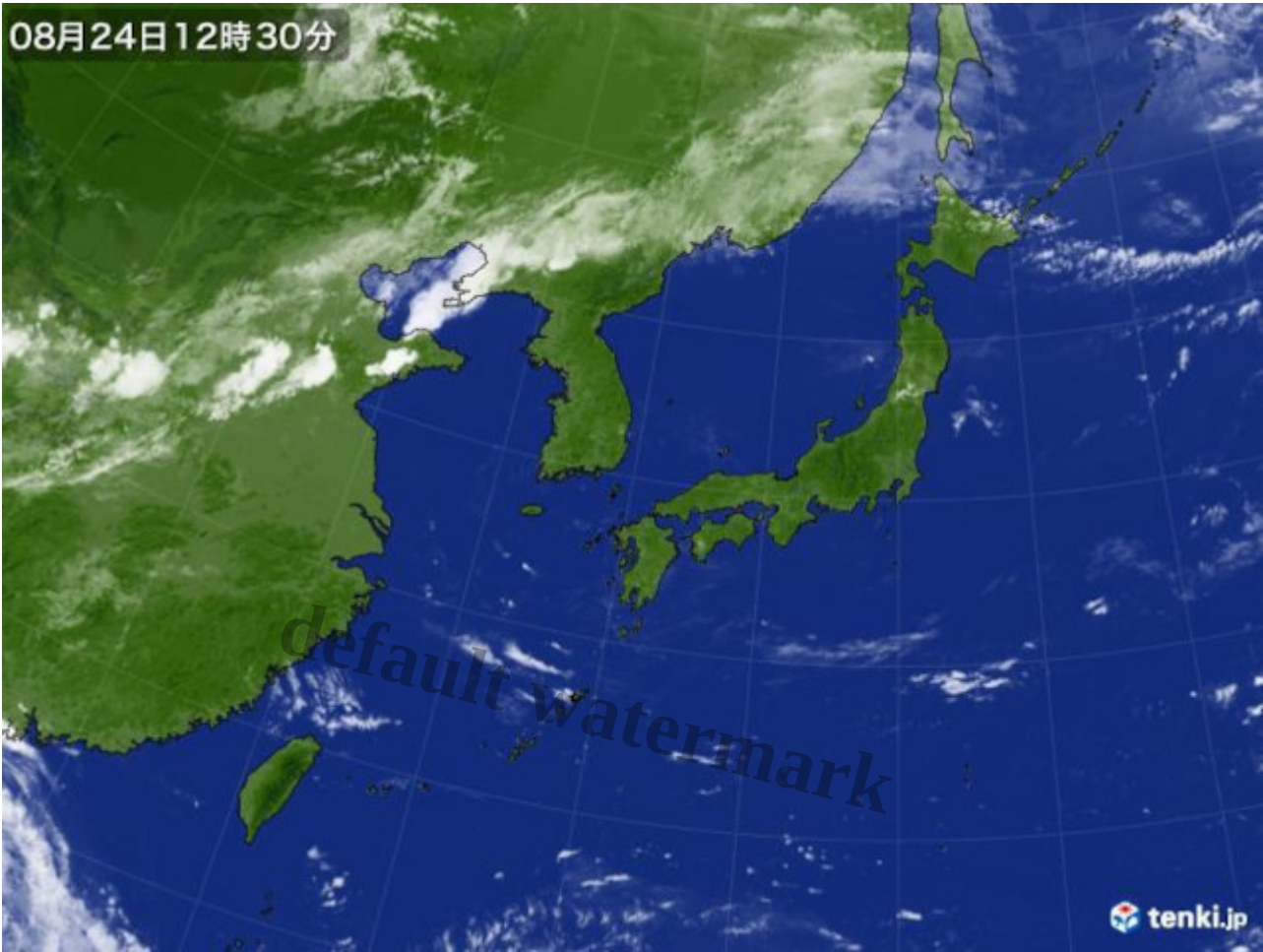
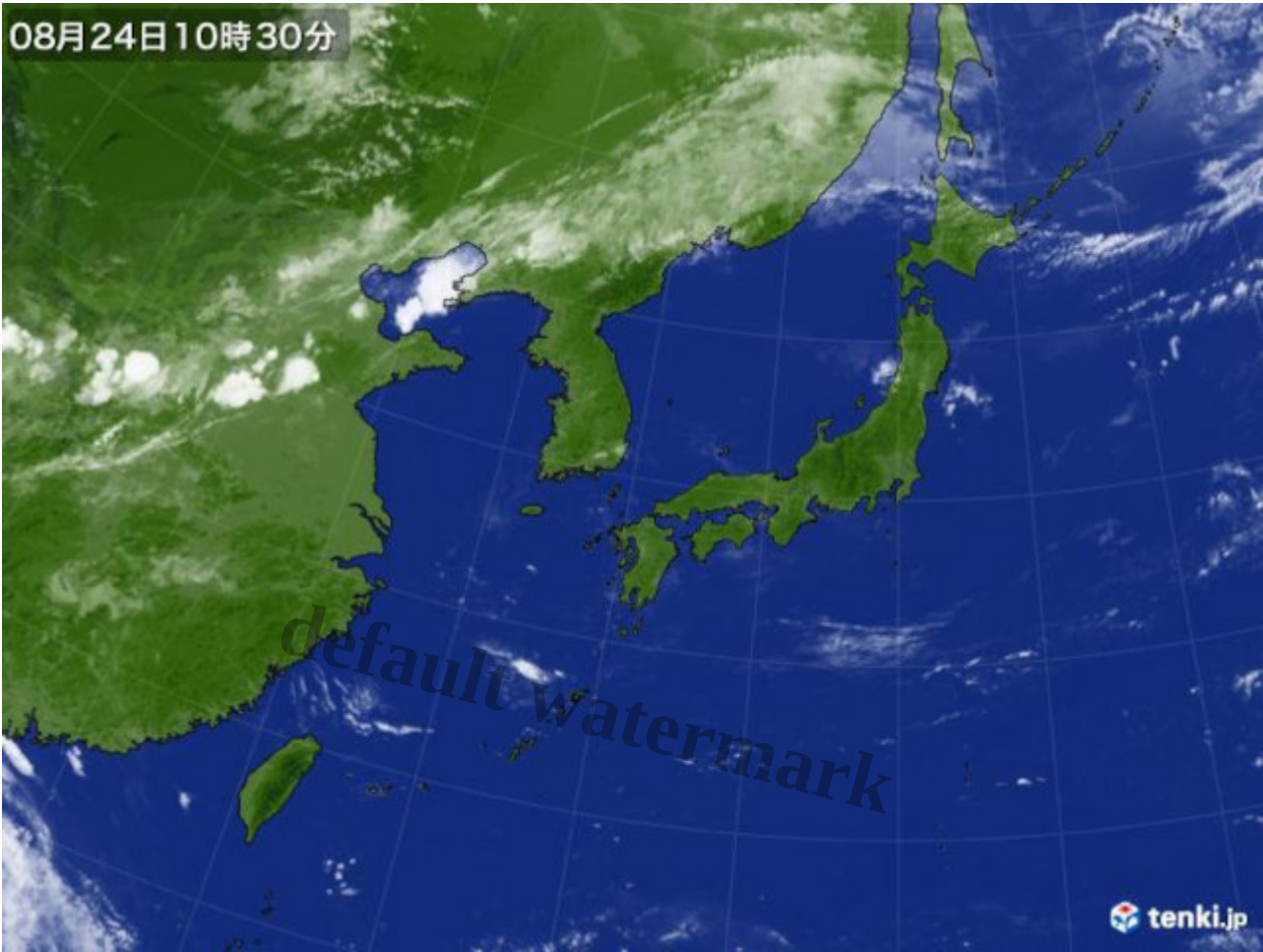




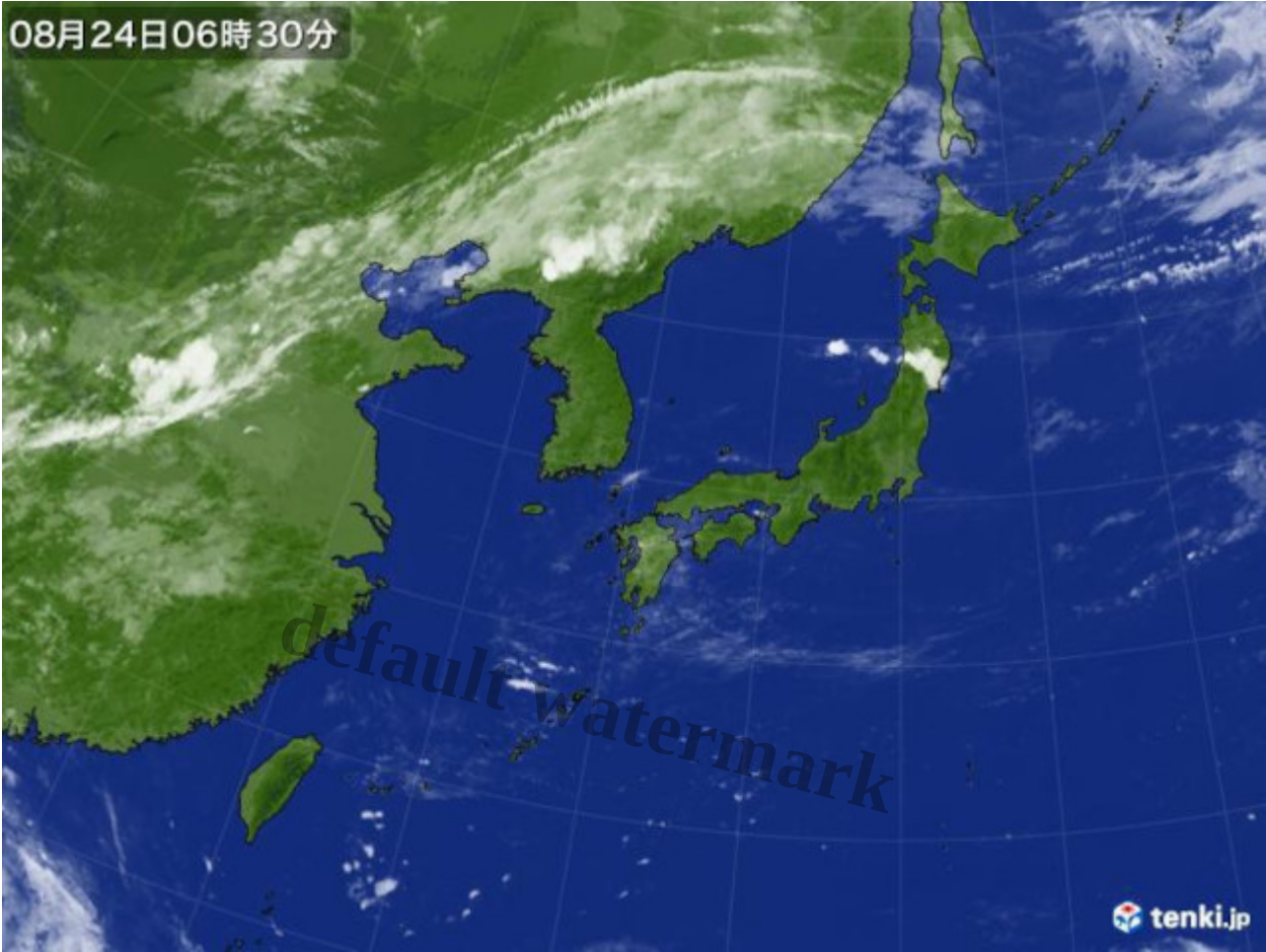
ï¼?æ??é??å?•ç?»å?•



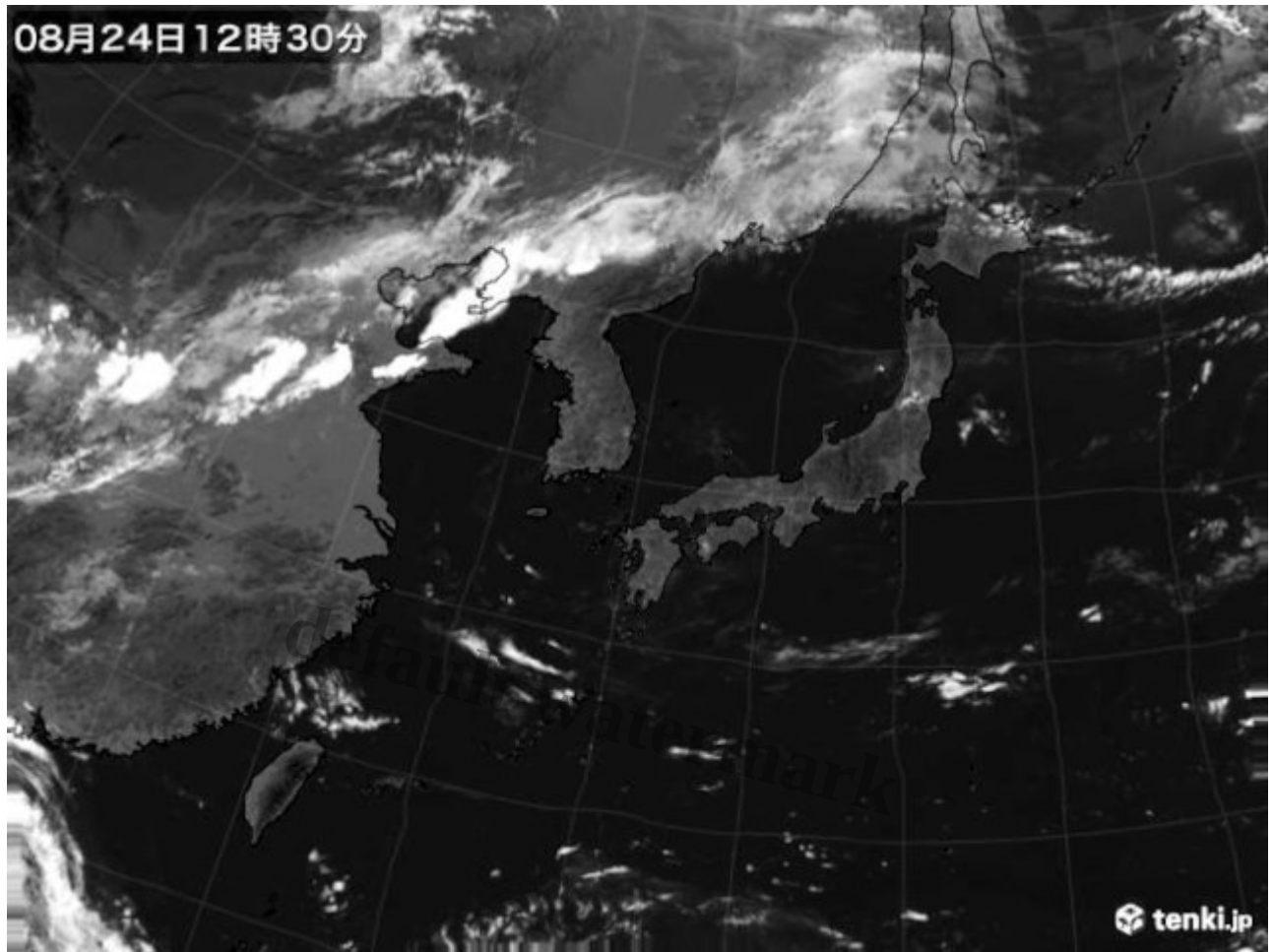
ï¼?æ??é??å?•ç?»å?•



ï¼?æ??é??å?•ç?»å?•



ã•?ã??ã??ã??å ?ã•«ï¼?æ??é??å¼?ã•®æ°?è±¼ç?»å?•ã??ã°?æ,-ã•?ã•¼ç??æ?•ã•?ã•¼ã•
?ã??ï¼?æ??å?»ã•®ã?¿ã?¼ã? ã?¹ã?¿ã?³ã??ã•ç?´è¿?ç?»å?ã•®ã•¼ã•¼ã•§ã•?ã•ï¼?



ã•?ã•®ä°?æ,-ã??å??æ?•ã•?ã•?ã•?ã•®ã•?æ??ä,?é?`ã•®ç?»å?•ã•sã•?ã??

ã??ã?ã?°ã?©ã?ã??å®?èj?ã•?ã•?ã•`ã•ã•®æ§?å•ã•?ã•?ã•jã??ã•sã•?ã??â??

èµµåµ?ç•?ç?»å?•

```
$ python jma_tenki_nowcast_llm_presen.py â??product ir â??region japan-near â??use-llm \  
â??ollama-model gpt-oss:latest â??annotate â??gif â??mp4 â??report-html â??report-md â??ollama-  
temp=0.95 â??save-json â??verbose
```

```
[ok] 0h: 2025-08-24 12:30 JST -> ./himawari_images/ir_japan-near_obs_0h_20250  
url: https://static.tenki.jp/static-images/satellite/2025/08/24/12/30/00/  
[ok] 2h: 2025-08-24 10:30 JST -> ./himawari_images/ir_japan-near_obs_2h_20250  
url: https://static.tenki.jp/static-images/satellite/2025/08/24/10/30/00/  
[ok] 4h: 2025-08-24 08:30 JST -> ./himawari_images/ir_japan-near_obs_4h_20250  
url: https://static.tenki.jp/static-images/satellite/2025/08/24/08/30/00/  
[ok] 6h: 2025-08-24 06:30 JST -> ./himawari_images/ir_japan-near_obs_6h_20250  
url: https://static.tenki.jp/static-images/satellite/2025/08/24/06/30/00/  
[ok] saved: ./himawari_images/ir_japan-near_forecast_+2h.jpg  
[ok] annotated: ./himawari_images/ir_japan-near_forecast_+2h_annotated.png  
[ok] gif: ./himawari_images/ir_japan-near_timelapse.gif
```

```

IMAGEIO_FFMPEG_WRITER WARNING: input image is not divisible by macro_block_size
[ok] mp4: ./himawari_images/ir_japan-near_timelapse.mp4
[ok] json: ./himawari_images/ir_japan-near_summary.json
[ok] markdown: ./himawari_images/ir_japan-near_report.md
[ok] html: ./himawari_images/ir_japan-near_report.html

```

```

=== ä°?ǎ ±ǎ??ǎ?ǎ?¹ǎ?? ===
**é•?ç©°ǎ•?ǎ°?ǎ•?ǎ??ǎ?•ǎ??ǎ•?ǎ•?ǎ•?ǎ, ?æ?¥ǎ??*

```

[illegible]

- *ā?æµ.é? *i¼?æ? áðá?á?á?é?é?é?·ā·-ā?·ā?·ā?·ā?·«á?á? á?·ā?·¼ā?·ā?·ā?·
 áðá?á?ā·-áð?áð?ā?·ā?|ā?·ā?·¼ā?·ā??
 - *æ±æ?¥æ?¬ *i¼?æ? áðá?á?á?á?é?é?é?·ā?·0.168ā?·ā??0.201ā·, ā?·ā?·ā?·ā?·ā?·
 á?á? á?·ā?·¼ā?·ā?·ā?·æ?´ç°ā?·ā?·»æµ·ā?·šā?·ā??
 - *è¥¿æ?¥æ?¬ *i¼?æ? áðá?á?á?á?é?é?é?·ā?·0.049ā?·ā??0.058ā·, ā?·ā?·ā?·ā?·ā?·
 «á?á?·ā?·¼ā?·ā??
 - *ä¹·ā?·i½?á?á?á?½ *i¼?æ?´áðá?á?á?á?é?é?é?·ā?·-ā?·»ā?·¼á?á?·ā?·ā?·ā?·0.008ā·
 ?ā??0.009ā·, ā??
 - *æ²?ç, ?ā?»ā?·è¥¿ *i¼?æ?´áðá?á?á?á?é?é?é?·ā?·0.012ā?·ā??0.013ā·, ā?·ā?·»ā?·
 ¼ā?·ā?·ā?·šā?·ā??

**æ³³æ?·ǎ??èµ. **i¼?ç?¹ǎ·«æ°?è±ǐǎ, ?ǎ·@èǐæ??ǎ·¹ǎǐ?èǐ·ǎ·?ǎ??ǎ·¼ǎ·?ǎ??ǎ??ǎǐ«é·@ǎ
 ·«ǎ·?é·?ǎ·?ǎ·?ǎ·ǎ·ǎ·?ǎ·?ǎ??

å•-è!/?ç?»å?

```
$(.venv) â?? example git:(main)$ python jma_tenki_nowcast_llm_presen.py â??product vis â??region  
japan-near â??use-llm  
â??ollama-model gpt-oss:latest â??annotate â??gif â??mp4 â??report-html â??report-md â??ollama-  
temp=0.95 â??save-json â??verbose
```

```
[ok] 0h: 2025-08-24 12:30 JST -> ./himawari_images/vis_japan-near_obs_0h_2025
url: https://static.tenki.jp/static-images/satellite/2025/08/24/12/30/00/
[ok] 2h: 2025-08-24 10:30 JST -> ./himawari_images/vis_japan-near_obs_2h_2025
url: https://static.tenki.jp/static-images/satellite/2025/08/24/10/30/00/
[ok] 4h: 2025-08-24 08:30 JST -> ./himawari_images/vis_japan-near_obs_4h_2025
url: https://static.tenki.jp/static-images/satellite/2025/08/24/08/30/00/
[ok] 6h: 2025-08-24 06:30 JST -> ./himawari_images/vis_japan-near_obs_6h_2025
url: https://static.tenki.jp/static-images/satellite/2025/08/24/06/30/00/
[ok] saved: ./himawari_images/vis_japan-near_forecast_+2h.jpg
[ok] annotated: ./himawari_images/vis_japan-near_forecast_+2h_annotated.png
[ok] gif: ./himawari_images/vis_japan-near_timelapse.gif
IMAGEIO FFMPEG_WRITER WARNING: input image is not divisible by macro_block_size
[ok] mp4: ./himawari_images/vis_japan-near_timelapse.mp4
[ok] json: ./himawari_images/vis_japan-near_summary.json
[ok] markdown: ./himawari_images/vis_japan-near_report.md
[ok] html: ./himawari_images/vis_japan-near_report.html
```


* * æ³ ``æ?·å??èµ· * * ì¼?ç?¹ã·«ç?°å, ã·ªåµ@å??ã·-ä°?æ?³ã·?ã??ã·¾ã·?ã??ã??åµ?å?°ã·
®é?ã·-æ?¥å·®ã·?å-¾ç?ã??å¿?ã??ã·?ã·«ã??

ã?³ã??ã?³ã??ã??å®?è|?ã•?ã??ã•15ç\$?ç•?åº|ã•\$å?|ç•?ã•?å®?äº?ã•?ã•¾ã•?ã??

Alā«ä,æ??ā?ā·sā??ā?ā??ç"?"ā|ā-é«?æ©?è?½ā^aā??ā?ā°ā?©ā? ā·ā½?ā??ā¾ā·ā·ā?·Alā·
«ā¾ā?ā·|ā,?æ??ā·ā??æ©?è?½ā??ā·ā·£ā·ā??è"è^a?ā??ā·ā??ā¿ è|·ā??ā?·Alā·?ç??æ?·ā·ā·
?ā?ā?¼ā??ā??è©?ä¾jā·ā??ā¿ è|·ā-ā?ā??ā¾ā·ā??ā??ā??ā??ā°ā?©ā??ā?³ā·°æ?^açµ?é"è? ā·
sā??ā·sā·ā??ā·ā·ā·ā?ā?·ā·ā·sā-ā?ā??ā¾ā·ā??ā·ā??ā?·ā°ç¤?ç?¥è?ā??çµ?é"ä¿ è|ā·sā·
?ā??

ã•?ã•®ã??ã•?ã•æ'»å??ã??ã•?ã•!ã•?ã??ç?ç?±ã•-ä»¥ä,?ã•®è``ä°?ã•«æ?,ã•?ã•!ã•?ã•¾ã•?ã??æ?´é?ã?
•ç?®ã??é??ã•?ã•!ã•ã•ã•ã•?ã•?ã??

- [Alæ??ä»£ã•®ã±æ¥å?•éj?](#)
- [è?¥è? ã•«èã??ã•\\$æ-²ã?ã?ã??i¼?i¼•i¼?i¼•ã¹ã?•éj?ã?•ã•®ã?ã•](#)
- [è?¥è? ã•®è^{ia}ã?ã»£ã•«èã??ã•\\$æ-²ã?ã?ã??i¼?i¼•i¼?i¼•ã¹ã?•éj?ã?•ã•®ã?ã•](#)
- [ZIKUUã•®ã??ãºå??æµ•ã?ã•ã?ã?è??ã?æ?¹](#)

1. æ?¥ã? ã•®æ'»å??

1. AI

-
- 2. Linux
 - 3. LLM
 - 4. ä,?é??å??å,?
 - 5. å¸è!•æ¨jè¨?èª?ã?¢ã??ã?«
 - 6. å±±æ¢ç??

Date Created
2025å¹8æ??24æ?¥

Author
kazuotsubaki

default watermark