Responses API: Sahabat Terbaik Pengembang

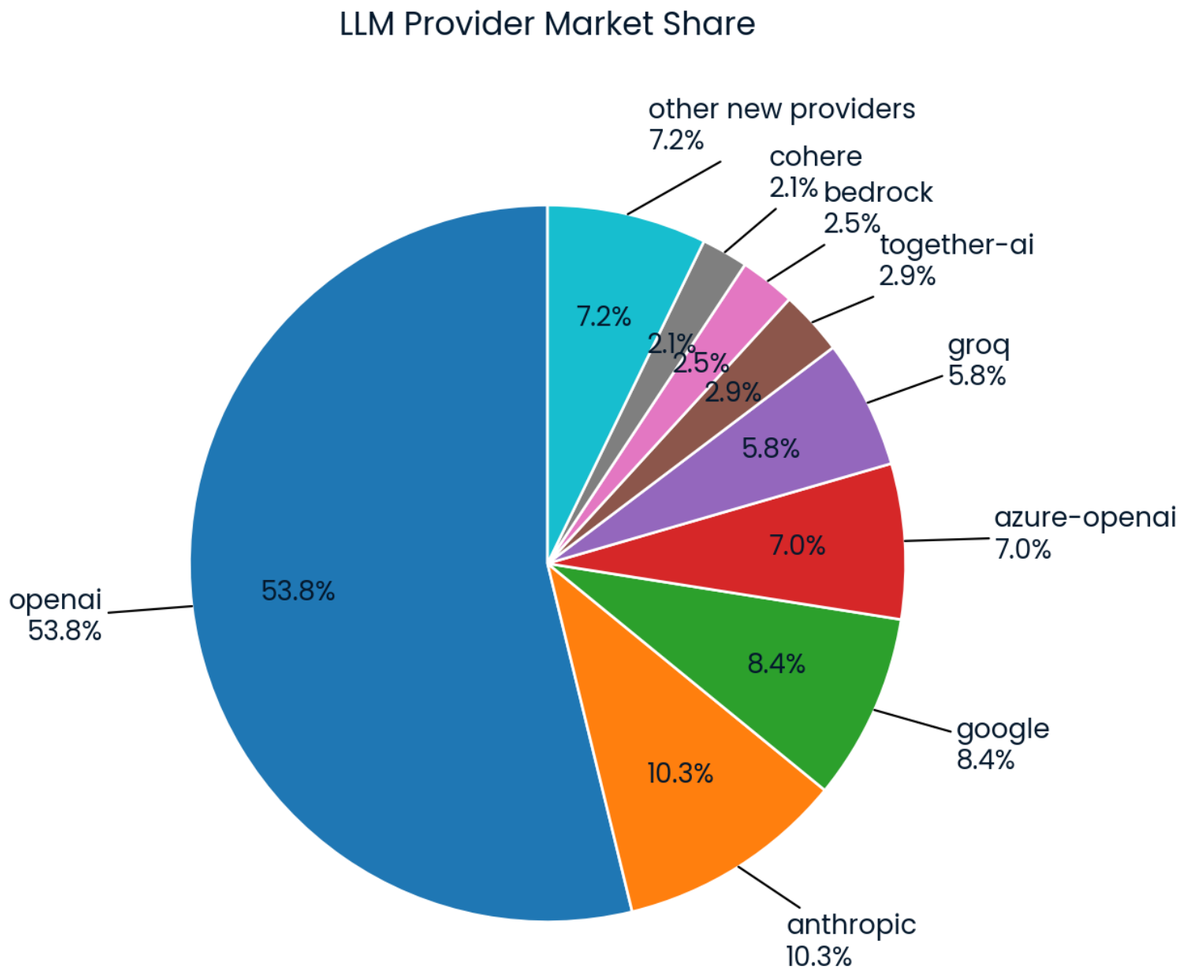
BEKERJA DENGAN OPENAI RESPONSES API



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OpenAI dan Awal Lomba GenAI

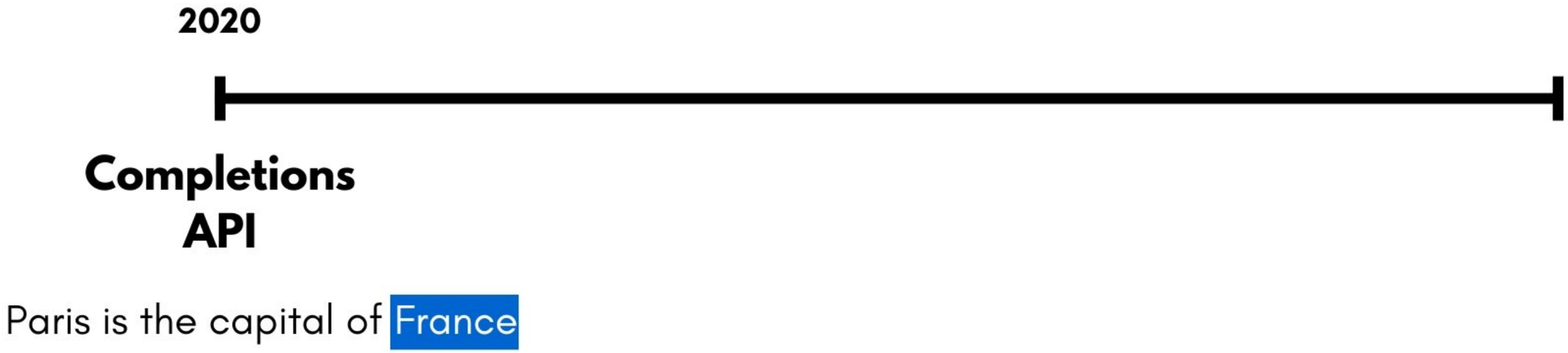


[1] Kredit: portkey.ai (per Januari 2025)

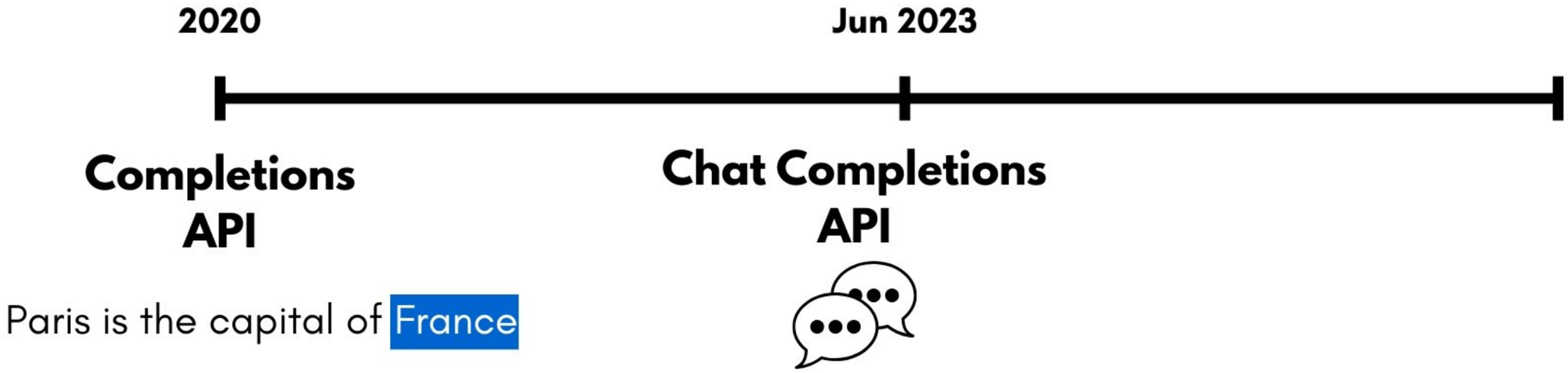
Evolusi API OpenAI



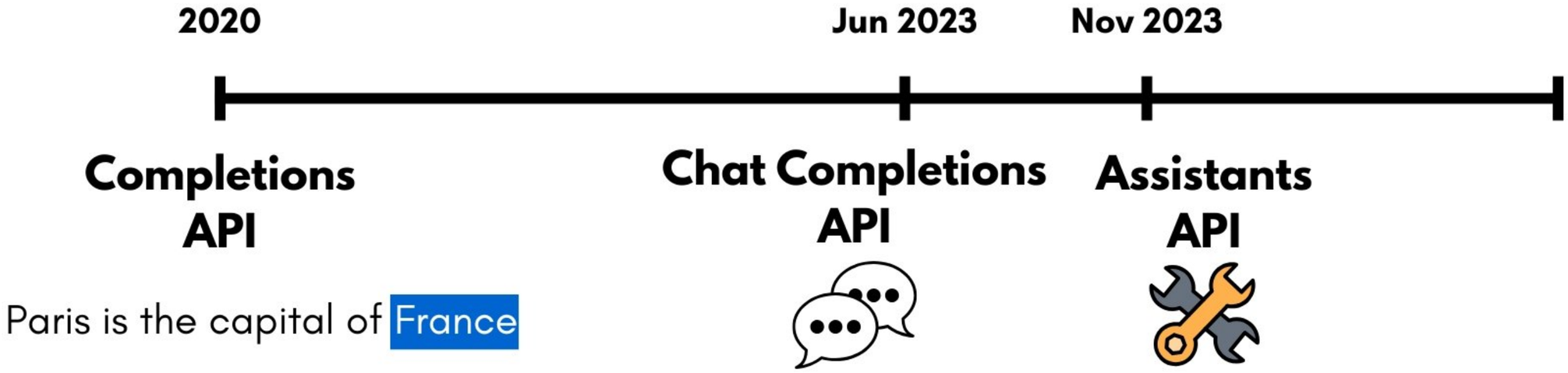
Evolusi API OpenAI



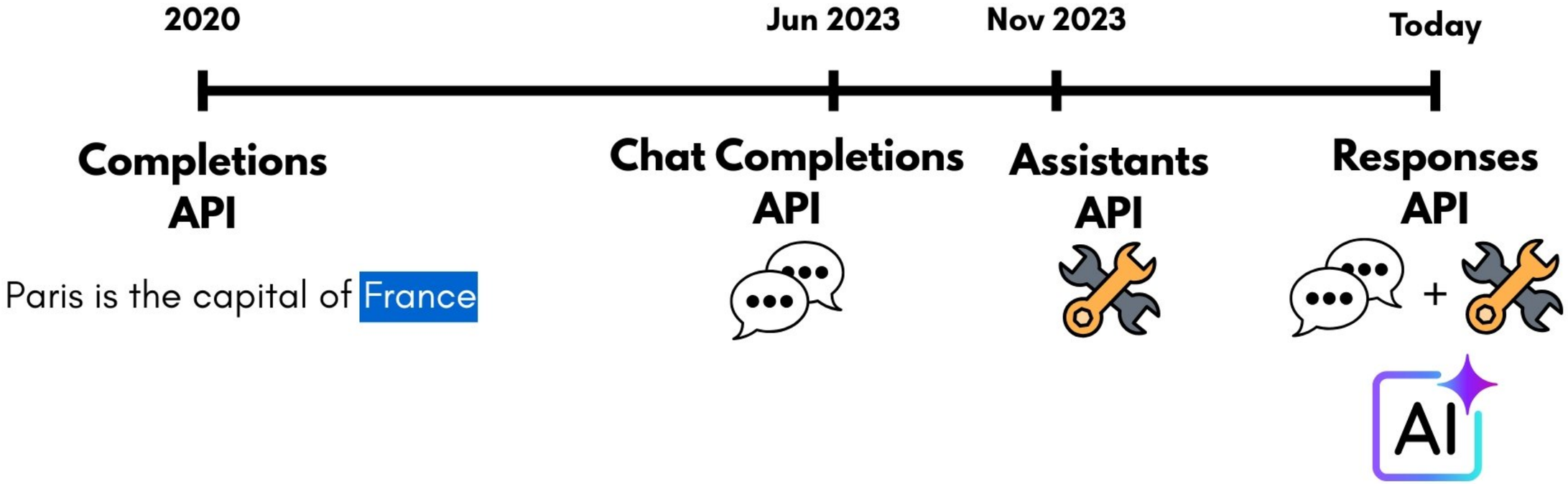
Evolusi API OpenAI



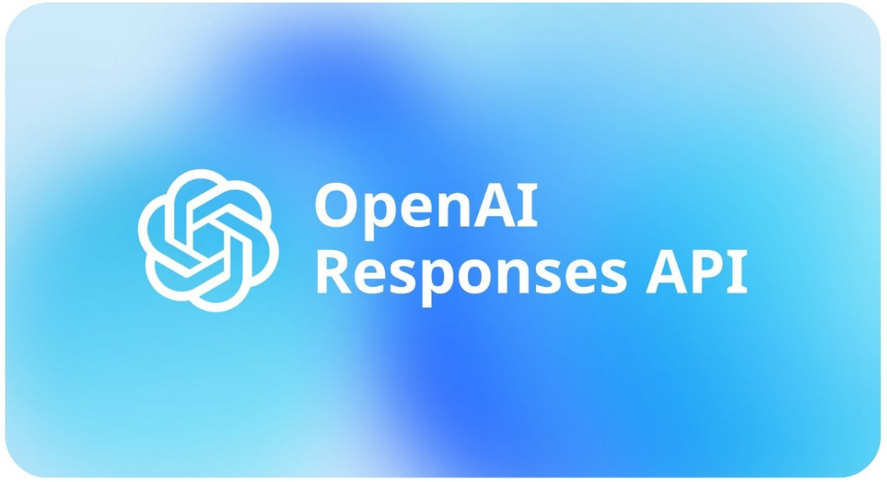
Evolusi API OpenAI



Evolusi API OpenAI



Responses API x Pengembang



- Antarmuka *sederhana*, **ramah pengembang**

[1] Kredit Gambar: helicone.ai

Permintaan Responses API Pertama Kita

```python
from openai import OpenAI

client = OpenAI(api_key="...")

response = client.responses.create(
    model="gpt-5-mini",
    reasoning={"effort": "minimal"},
    max_output_tokens=60,
    instructions="Be concise.",
    input="Explain LLMs to a 6yr old."
)
```

- **Client:** Konfigurasi lingkungan untuk berkomunikasi dengan API
- **API key tidak wajib**
- Kurangi `reasoning` `"effort"` dan `max_output_tokens` agar respons lebih cepat
- `instructions` → aturan jelas tentang perilaku
- `input` → tugas atau pertanyaan utama
- `instructions` > `input`

```
Response(id='resp_0776f5d708d300430069170352a13081949eb94561de8687c5',
         created_at=1763115858.0,
         error=None,
         incomplete_details=IncompleteDetails(reason='max_output_tokens'),
         instructions='Be concise.',
         metadata={},
         model='gpt-5-mini-2025-08-07',
         object='response',
         output=[ResponseReasoningItem(id='rs_0776f5d708d3004300691703532b788194b83e204f4789d35f', summary=[], type='reasoning', content=None,
encrypted_content=None, status=None), ResponseOutputMessage(id='msg_0776f5d708d3004300691703534dc4819492a95a0516284666', content=
[ResponseOutputText(annotations=[], text='Recursion is a process where something is defined in terms of itself. In computing and mathematics it usually means a function or
procedure that calls (or refers to) itself to solve a problem by breaking it into smaller,', type='output_text', logprobs=[])], role='assistant', status='incomplete', type='message')],
         parallel_tool_calls=True,
         temperature=1.0,
         tool_choice='auto',
         tools=[],
         top_p=1.0,
         background=False,
         conversation=None,
         max_output_tokens=60,
         max_tool_calls=None,
         previous_response_id=None,
         prompt=None,
         prompt_cache_key=None, prompt_cache_retention=None,
         reasoning=Reasoning(effort='minimal', generate_summary=None, summary=None),
         safety_identifier=None,
         service_tier='default',
         status='incomplete',
         text=ResponseTextConfig(format=ResponseFormatText(type='text'), verbosity='medium'),
         top_logprobs=0,
         truncation='disabled',
         usage=ResponseUsage(input_tokens=17, input_tokens_details=InputTokensDetails(cached_tokens=0),
         output_tokens=48,
         output_tokens_details=OutputTokensDetails(reasoning_tokens=0), total_tokens=65),
         user=None,
         billing={'payer': 'developer'},
         store=True)
```

```
print(responses.output_text)
```

```
Bayangkan teman pura-pura yang sangat pintar...
```

```
print(responses.usage.output_tokens)
```

```
48
```

```
print(responses.id)
```

```
resp_0776f5d708d30043006917035...
```

```
response.output
```

```
[ResponseReasoningItem(
    id='...',
    summary=[],
    type='reasoning',
    content=None,
    encrypted_content=None,
    status=None),
 ResponseOutputMessage(
    id='...',
    content=ResponseOutputText(text='Imagi...'
        type='output_text', logprobs=[])]
    role='assistant',
    status='incomplete',
    type='message')]
```

Ayo berlatih!

BEKERJA DENGAN OPENAI RESPONSES API