

# OpenAI API Integration

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 [chatgpt.com/c/67307825-1154-800b-b1e4-bac78eec1fb1](https://chatgpt.com/c/67307825-1154-800b-b1e4-bac78eec1fb1)

Here's a Python script to create a JSONL file tailored for a single user, with each entry targeting one of about 30 astrological points for batch processing. The goal is to prompt an OpenAI model in a profane, colorful persona that analyzes and comments on each transition/alignment in a unique, brash style for the user's personalized PDF report.

The JSONL file will contain prompts for each of the astrological points, and each prompt will use a structured assistant message to ensure the model's persona is consistently profane and expressive.

## Python Script

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python

```
import json

# Sample list of astrological transitions or alignments for a user
astrological_points = [
    "Mars in Aries square Saturn",
    "Venus conjunct Pluto",
    "Sun trine Neptune",
    # Add up to ~30 different transitions/alignments here
]

# Define a persona prompt template that will bring out the profane, unique
style
persona_prompt_template = """
You're an astrological analyst with a no-nonsense, unfiltered approach. Dive
deep into the following alignment,
with all the profanity and brutal honesty you can muster. Explain its
significance and potential impacts with
absolute disregard for niceties, focusing on how it shapes the person's life in
the most direct terms possible.
"""

# Generate the JSONL file data with completions for each astrological point
tasks = []
for i, alignment in enumerate(astrological_points, start=1):
    task = {
        "custom_id": f"task_{i}",
        "method": "POST",
        "url": "/v1/chat/completions",
        "body": {
            "model": "gpt-4o-mini", # Adjust the model as needed
            "messages": [
                {"role": "system", "content": persona_prompt_template.strip()},
                {"role": "user", "content": f"Analyze the following alignment
in detail: {alignment}"}
            ],
            "temperature": 0.8 # Adjust temperature for more creative outputs
        }
    }
    if desired
    tasks.append(task)

# Save tasks to a JSONL file for batch processing
with open('user_astrological_report.jsonl', 'w') as file:
    for task in tasks:
```

```
file.write(json.dumps(task) + '\n')

print("JSONL file created for batch processing.")
```

## Explanation of the Script

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### 1. Astrological Points:

The `astrological_points` list contains each transition/alignment for the user. These are examples; you would fill this list with the actual data for each point.

### 2. Persona Prompt Template:

The `persona_prompt_template` provides a consistent, brash style that the model uses to analyze each alignment. You can tweak this message to adjust the profane tone.

### 3. Tasks:

Each task in the `tasks` list is a unique message prompt targeted at one astrological alignment. The OpenAI completion request is structured with the model specified and configured with a moderate `temperature` to allow creative, colorful responses.

### 4. Saving to JSONL:

Each task is written to a JSON Lines (`.jsonl`) file, formatted for batch upload to the OpenAI API. Each line represents a unique task, allowing batch processing of each point.

## Next Steps

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### 1. Upload the JSONL file to the OpenAI Batch API:

Follow the Batch API setup to upload this `user_astrological_report.jsonl` file for asynchronous processing.

### 2. Retrieve and Process Results:

Once the batch is processed, download the results, compile them, and use a PDF generation library (like `fpdf` or `reportlab`) to create a personalized report based on the model's responses.

This setup gives you a personalized, profane, and deeply insightful astrological analysis for the user, with each alignment processed individually in a tone-specific manner.