

## Prompts & Links - How I Built an AI Tool in 24 Hours and Sold It (No Coding Skills)

(Follow Instructions mentioned in video: <u>https://youtu.be/RpdF-BtMtl4</u>)

Links: Set up a free Google Account here: https://accounts.google.com/

A free ChatGPT Account here: <u>https://chatgpt.com/auth/login</u>

And a free OpenAI account here: <u>https://auth.openai.com/authorize</u>

## Copy and paste following prompt into ChatGPT/Claude:

I need a google apps script that does this:

- It lists all email senders that sent me emails in the last 14 days in column A, starting from A2  $\,$ 

I copy and paste selected email senders in Column B, starting from B2
Whenever a new email address is added to column B, the OpenAI GPT-40 model looks at each email sender from column B, finds all the emails they have sent me and analyzes the sending days, frequency and time
It displays the analysis in 3 short bullet points in column C

Make sure to include detailed comments and logging in the code so I understand how it works.

[Add AI connection sample]

I'm going to teach you how to make the correct API Call for the specific AI model I want to use in future functions. Just understand it and then maintain its exact structure and make the adjustments I will tell you:

```
function analyzeAllExistingEntries() {
  var sheet = SpreadsheetApp.getActiveSpreadsheet().getActiveSheet();
  var lastRow = sheet.getLastRow();
```

// Setup for OpenAI API with the chat model

```
var apiURL = 'https://api.openai.com/v1/chat/completions'; // Correct
endpoint for chat models
var apiKey = 'YOUR-API-KEY'; // Your secured API key
var headers = {
    "Content-Type": "application/json",
    "Authorization": "Bearer " + apiKey
    };
    // Loop through all rows that have data in column E and column D
    for (var row = 2; row <= lastRow; row++) {
       var textE = sheet.getRange(row, 5).getValue(); // Text from Column E
       var textD = sheet.getRange(row, 4).getValue(); // Text from Column D
       var combinedText = textE + " " + textD; // Combine text from Column E
       and D
```

```
if (combinedText.trim() !== '') { // Ensure the combined text is not
empty
```

// Enhanced prompt for a detailed analysis of enjoyment, interest, and emotions

var prompt = `As an expert in analyzing descriptions of activities, provide a detailed analysis in one or two short but very specific sentences. Focus on identifying what specific activities, tasks and topics the person enjoys or finds interesting. And also specific tools he likes to use. #Rules: You must include specific details. Example: Don't say "Social Media" when the person mentions Instagram, Twitter or LinkedIn. You MUST the mention the specific platform or tool. Again, be as specific as possible with all topics, tasks and tools the person described. Plus describe the key emotions expressed. The following is the experience the person has described that you need to perform this analysis with: "\${combinedText}"`;

```
var payload = JSON.stringify({
    "model": "gpt-4o", // Specific model you mentioned
    "messages": [
        {"role": "system", "content": prompt},
        {"role": "user", "content": combinedText}
    ],
    "max_tokens": 400
});
var options = {
    "method": "post",
    "headers": headers,
    "payload": payload
};
// Fetch the response from OpenAI
```

```
var response = UrlFetchApp.fetch(apiURL, options);
var responseJson = JSON.parse(response.getContentText());
var analysis = responseJson.choices[0].message.content.trim();
// Write the results back to the Google Sheet in column I
sheet.getRange(row, 9).setValue(analysis); // Column I for results
}
}
----
```

Add a custom menu from where I can run the function to list all email senders and analyze them.

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Also make sure that you give me the necessary OAuth scopes and give me the exact code to add them to my appsscript.json