

# GPT Survey: A Programmer's Perspective

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Intel FLEX

2023/05/09

# Outline

- 1 Lesson 1: Prompt Engineering: Principles, Techniques, and Tools
- 2 Lesson 2: Integrate GPT in Whole Coding Lifecycle
- 3 Lesson 3: Cutting-Edge GPT Projects and Showcases
- 4 Lesson 4: Customize GPT for More Power
- 5 References

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## Lesson 1: Prompt Engineering: Principles, Techniques, and Tools

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# Outline of Lesson 1

- 1 Lesson 1: Prompt Engineering: Principles, Techniques, and Tools
  - Prompt Workflows
  - Prompt Principles
  - Prompt Techniques
  - Tools and Extensions

# Prompt Workflows

## The Chat-GPT Cheat Sheet

**Basic Structure of a Prompt:**  
 Acting as a [ROLE] perform [TASK] in [FORMAT]

Act as a [ROLE]	Create a [TASK]	show as [FORMAT]
Marketer	Headline	A Table
Advertiser	Article	A List
Mindset Coach	Essay	Summary
Best Selling Author	Book Outline	HTML
Therapist	Email Sequence	Code
Website Designer	Social Media Post	Spreadsheet
Journalist	Product Description	Graphs
Inventor	Cover Letter	CSV file
Chief Financial Officer	Blog Post	Plain Text file
Copywriter	SEO Keywords	JSON
Prompt Engineer	Summary	Rich Text
Accountant	Video Script	PDF
Lawyer	Recipe	XML
Analyst	Sales Copy	Markdown
Ghostwriter	Analysis	Gantt Chart
Project Manager	Ad Copy	Word Cloud

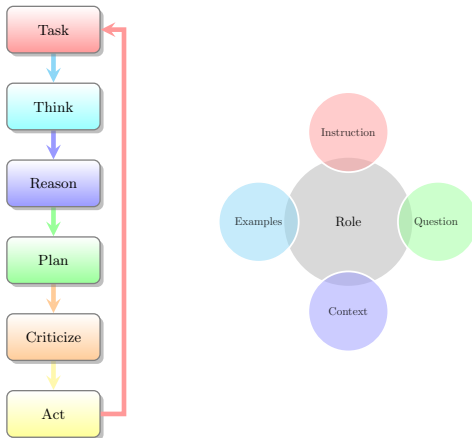
**Linked Prompting**  
 1 - Provide me with the ideal outline for an effective & persuasive blog post.  
 2 - Write a List of Engaging Headlines for this Blog post based on [Topic].  
 3 - Write a List of Subheadings & Hooks for this same Blog post.  
 4 - Write a List of Keywords for this Blog.  
 5 - Write a List of Compelling Call-to-Actions for the blog post.  
 6 - Combine the best headline with the best Subheadings, Hooks, Keywords and Call-to-Action to write a blog post for [Topic].  
 7 - Re-write this Blog Post in the [Style], [Tone], [Voice] and [Personality].

**Prompt Priming**  
 ZERO - "Write me 5 Headlines about [Topic]."  
 SINGLE - "Write me 5 Headlines about [Topic]. Here is an example of one headline: 5 Ways to Lose Weight."  
 MULTIPLE - "Write me 5 Headlines about [Topic]. Here is an example of some headlines: 5 Ways to Lose Weight, How to Lose More Fat in 4 Weeks, Say Goodbye to Stubborn Fat. Find a faster way to Lose Weight Fast!"

**Prompts For Biz Owners**  
 - Give me a list of inexpensive ideas on how to promote my business better?  
 - Acting as a Business Consultant, What is the best way to solve this problem of [Problem].  
 - Create a 30 Day Social Media Content Strategy based on [Topic 1] & [Topic 2].

By @shaneozard

Effective Use of this Powerful Tool Can Propel Your Business To The Forefront Of This Modern Business Landscape.



# Prompt Principles

# Prompt Techniques

# Search Engine is Still Your Friend



# Human Feedback is Still Important

# GPT applications comparisons

# Tools and Extensions

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## Lesson 2: Integrate GPT in Whole Coding Lifecycle

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# Outline of Lesson 2

## 2 Lesson 2: Integrate GPT in Whole Coding Lifecycle

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## Lesson 3: Cutting-Edge GPT Projects and Showcases

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# Outline of Lesson 3

## 3 Lesson 3: Cutting-Edge GPT Projects and Showcases



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## Lesson 4: Customize GPT for More Power

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# Outline of Lesson 4

## 4 Lesson 4: Customize GPT for More Power

# GPT Survey: A Programmer's Perspective

## Lesson 4: Customize GPT for More Power

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