

# GPT Survey: A Programmer's Perspective

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# Outline

- 1 Lesson 1: Prompt Engineering: Principles, Techniques, and Tools
- 2 Lesson 2: Case Studies of Coding Tasks with GPT
- 3 Lesson 3: Integrate GPT in Whole Coding Lifecycle
- 4 Lesson 4: Cutting-Edge GPT Projects and Showcases
- 5 Lesson 5: Customize GPT for More Power
- 6 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 Workflow

# Prompt Principles

# Prompt Techniques

## The Chat-GPT Cheat Sheet

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

### Act as a [ROLE]

Marketer  
Advertiser  
Mindset Coach  
Best Selling Author  
Therapist  
Website Designer  
Journalist  
Inventor  
Chief Financial Officer  
Copywriter  
Prompt Engineer  
Accountant  
Lawyer  
Analyst  
Ghostwriter  
Project Manager

### Create a [TASK]

Headline  
Article  
Essay  
Book Outline  
Email Sequence  
Social Media Post  
Product Description  
Cover Letter  
Blog Post  
SEO Keywords  
Summary  
Video Script  
Recipe  
Sales Copy  
Analysis  
Ad Copy

### show as [FORMAT]

A Table  
A List  
Summary  
HTML  
Code  
Spreadsheet  
Graphs  
CSV file  
Plain Text file  
JSON  
Rich Text  
PDF  
XML  
Markdown  
Gantt Chart  
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].

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

### 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 @shanefozard



# Tools and Extensionsle

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## Lesson 2: Case Studies of Coding Tasks with GPT

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# Outline of Lesson 2

## 2 Lesson 2: Case Studies of Coding Tasks with GPT

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## Lesson 3: Integrate GPT in Whole Coding Lifecycle

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# Outline of Lesson 3

## 3 Lesson 3: Integrate GPT in Whole Coding Lifecycle

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## Lesson 4: Cutting-Edge GPT Projects and Showcases

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# Outline of Lesson 4

## 4 Lesson 4: Cutting-Edge GPT Projects and Showcases

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## Lesson 5: Customize GPT for More Power

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# Outline of Lesson 5

## 5 Lesson 5: Customize GPT for More Power

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## Lesson 5: Customize GPT for More Power

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