

Welcome to our AI Learning Resources page! Here, you can explore a comprehensive collection of resources, featuring everything from ChatGPT and Midjourney to Stable Diffusion, Google Bard, and other AI tools. Dive into cheat sheets, AI courses, prompt engineering tutorials, and more to enhance your understanding and skills in AI.

Resources available:

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7. *ChatGPT From Zero to Hero Cheat Sheet*
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9. *52 ChatGPT Alternatives 2023*
10. *Master ChatGPT Prompt Guide*
11. *AI Tools to 10x your productivity*
12. *50 Best ChatGPT Prompts for Making Money*
13. *ChatGPT Checklist*
14. *Top 30 Best Online Courses in AI 2023*
15. *Top 50 Essential ChatGPT Prompts for Entrepreneurs*
16. *4 Game-changing Prompts to transform you into a Masterful AI prompt Engineer*
17. *Top 25 AI Video Generators 2023*
18. *The Generative AI Startup Landscape*
19. *Top 50 ChatGPT Sales-Boosting Prompts*
20. *9 Powerful AI Text Generators June 2023*

21. *Top 50 Starter Prompts for ChatGPT Users*
 22. *Top 10 Tools for Detecting AI-Generated content (ChatGPT, GPT-4, Bard, Claude,...)*
 23. *50 Key Networking Prompts with ChatGPT*
 24. *Machine Learning ChatGPT Cheat Sheet*
 25. *Data Science Interview ChatGPT Cheat Sheet*
 26. *Data Science Interview ChatGPT Cheat Sheet*
 27. *Top 10 Open-Source LLMs Alternative to ChatGPT and Bard*
 28. *Top 10 AI Chrome Extensions for Data Scientists*
 29. *50 ChatGPT Copywriting Frameworks You Must Know*
 30. *100+ Prompts To Unleash Full ChatGPT Potential*
 31. *ChatGPT Developer Cheat Sheet*
 32. *Midjourney Cheat Sheet 5.2*
 33. *ChatGPT - Code Interpreter In a Nutshell*
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1. ChatGPT Cheatsheet 1.0

The cheatsheet offers easy instructions for creating ChatGPT prompts, including roles, the C.R.E.A.T.E formula, and examples for various professionals. It's a beginner-friendly guide for improved AI usage.

ChatGPT Role

1. Act as a Linux Terminal
2. Act as "position" Interviewer
3. Act as JavaScript Console
4. Act as an Excel Sheet
5. Act as an English Teacher
6. Act as a Plagiarism Checker
7. Act as an Advertiser
8. Act as a Relationship Coach
9. Act as a Recruiter
10. Act as Marketer

Prompts for Developers

1. Develop an architecture and code for a <description> website with JavaScript.
2. Help me find mistakes in the following code <paste code below>
3. I want to implement a sticky header on my website. Can you provide an example using CSS and JavaScript?
4. Please continue writing this code for JavaScript <past code below>

Prompts for Designers

1. Generate examples of UI design requirements for a [mobile app].
2. How can I design a [law firm website] in a way that conveys [trust and authority]?
3. What are some micro-interactions to consider when designing a Fintech app?
4. Create a text-based Excel sheet to input your copy suggestions. Assume you have 3 members in your UX writing team.

Prompts for Marketers

1. Can you provide me with some ideas for blog posts about [topic]?
2. Write a product description for my [product or service or company].
3. Suggest inexpensive ways I can promote my [company] without using social media.
4. How can I obtain high-quality backlinks to improve the SEO of [website name]?

ChatGPT Cheat Sheet

AI
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C.R.E.A.T.E

Formula for Prompt Engineering

Using the C.R.E.A.T.E formula ensures better results, although it may require more time for prompt creation.

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2. The Complete ChatGPT Cheatsheet 1.0

The cheatsheet gives straightforward steps to set up ChatGPT prompts, discussing roles, tasks, prompt priming, and providing examples for professionals like designers, developers, and marketers. It's an easy-to-follow guide that helps beginners use AI tools more effectively.

Act as a [ROLE]

- 1. Analyst
- 2. Teacher
- 3. Marketer
- 4. Advertiser
- 5. Mindset Coach
- 6. Therapist
- 7. Journalist
- 8. Inventor
- 9. Lawyer
- 10. Ghostwriter
- 11. Website Designer
- 12. Best Selling Author
- 13. Chief Financial Officer
- 14. Expert Copywriter
- 15. Prompt Engineer
- 16. Accountant
- 17. Project Manager
- 18. Sports Coach
- 19. Financial Analyst
- 20. Full Stack Developer
- 21. Linux Terminal
- 22. "Position" Interviewer
- 23. Excel Sheet
- 24. Plagiarism Checker
- 25. Relationship Coach
- 26. Recruiter
- 27. JavaScript Console

Create a [TASK]

- 1. Headline
- 2. Article
- 3. Essay
- 4. Book Outline
- 5. Email Sequence
- 6. Social Media Post
- 7. Product Description
- 8. Cover Letter
- 9. Blog Post
- 10. SEO Keywords
- 11. Summary
- 12. Video Script
- 13. Recipe
- 14. Sales Copy
- 15. Analysis
- 16. Ad Copy
- 17. Web Page

Show as [FORMAT]

- 1. A Table
- 2. A List
- 3. Summary
- 4. HTML
- 5. Code
- 6. Spreadsheet
- 7. Graphs
- 8. CSV file
- 9. Plain Text file
- 10. JSON
- 11. Rich Text
- 12. XML
- 13. Markdown
- 14. Gantt Chart
- 15. Word Cloud
- 17. Emojis
- 18. An Analogy
- 19. Bullet Points

Set restrictions

- 1. Use poetic language
- 2. Adopt a formal tone
- 3. Write short sentences
- 4. Code only in HTML/CSS
- 5. Use Shakespearean style
- 6. Write using basic English
- 7. Use only scientific sources
- 8. Add pop culture references

Prompts For Biz Owners

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

The ChatGPT Cheat Sheet





Prompts for Developers

- 1. Develop an architecture and code for a [description] website with JavaScript.
- 2. Help me find mistakes in the following code <pre></pre>.
- 3. I want to implement a sticky header on my website. Can you provide an example using CSS and JavaScript?
- 4. Please continue writing this code for JavaScript <pre></pre>.

Prompts for Marketers

- 1. Can you provide me with some ideas for blog posts about [topic]?
- 2. Write a product description for my [product or service or company].
- 3. Suggest inexpensive ways I can promote my [company] without using social media.
- 4. How can I obtain high-quality backlinks to improve the SEO of [website name]?

Prompt Priming

- 1. ZERO - "Write me 5 Headlines about [Topic]"
- 2. SINGLE - "Write me 5 Headlines about [Topic]. Here is an example of one headline: 5 Ways to Lose Weight"
- 3. 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 Designers

- 1. Generate examples of UI design requirements for a [mobile app].
- 2. How can I design a [law firm website] in a way that conveys [trust and authority]?
- 3. What are some micro-interactions to consider when designing a Fintech app?
- 4. Create a text-based Excel sheet to input your copy suggestions. Assume you have 3 members in your UX writing team.

C.R.E.A.T.E Formula for Prompt Engineering

- 1. **C: Character** - Define the AI's role. E.g., "You are a seasoned copywriter with 20 years of experience in successful sales copy."
- 2. **R: Request** - Be specific with what you need. Instead of "Write a sales email for a sports car," specify, "Write a compelling email for the Cougar Hyper Sport, an electric car with top-tier acceleration."
- 3. **E: Examples** - Optionally, provide samples for more precise results. Headlines or tone examples can guide the AI's style.
- 4. **A: Adjustments** - Refine the prompt if it's not perfect. Use instructions like, "Avoid bullet points; use subheads."
- 5. **T: Type of Output** - Describe the desired format. E.g., "Produce a 500-word article with a title and conclusion."
- 6. **E: Extras** - Incorporate unique instructions.
 - Ex: "Ignore previous conversations."
 - Ex: "Ask questions before answering."
 - Ex: "Explain your thinking."
 - Ex: "Summarize what you know about me in the first person."
 - Ex: "Use data up to 2023."
 - Ex: "Only use reliable sources and cite them."
 - Ex: "Use CAPS LOCK for emphasis."

Using the C.R.E.A.T.E formula ensures better results, although it may require more time for prompt creation.

The ChatGPT Cheat Sheet



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3. The Complete Midjourney Prompt Cheatsheet

1.0

Midjourney Prompt Cheat Sheet



Aspect Ratio (--ar)	Version (--v)	Quality (--q)
<p>Use: Changes width-to-height ratio of the image. Prompt Parameter: <code>--ar <width>:<height></code> Values: Unlimited with MJ version 5 and 5.1 Midjourney Default: 1 Format Example: <code>--ar 3:2</code> or <code>--aspect 3:2</code></p> <div style="display: flex; justify-content: space-around; align-items: center;"> 1:1 3:2 16:9 5:4 2:3 4:5 </div>	<p>Use: Changes the MJ/Version the images are generated in. Prompt Parameter: <code>--v <value></code> Value Range: 1-5 Midjourney Default: 5 Format example: <code>--v 2</code> or <code>--version 2</code></p> <div style="display: flex; justify-content: space-around; align-items: center;"> --v 1 (Early Version) --v 5.1 (New Version) </div>	<p>Use: Changes how much time is spent rendering the image. Prompt Parameter: <code>--q <value></code> Value Range: 0.25-1 Midjourney Default: 1 Format example: <code>--q .25</code> or <code>--quality .5</code></p> <div style="display: flex; justify-content: space-around; align-items: center;"> --q .25 (Less Time) --q 1 (More Time) </div>
Image Weight (--iw)	Stop (--stop)	Repeat (--r)
<p>Use: Adjust importance of the image vs. text portion of the prompt. Prompt Parameter: <code>--iw <value></code> Value Range: 25-2 Midjourney Default: 25 Format example: <code>--iw 2</code></p> <div style="display: flex; justify-content: space-around; align-items: center;"> --iw .25 (Text Weight) --iw 2 (Image Weight) </div>	<p>Use: Finish a job partway through the process. Prompt Parameter: <code>--stop <value></code> Value Range: 10-100 Midjourney Default: 100 Format example: <code>--stop 50</code></p> <div style="display: flex; justify-content: space-around; align-items: center;"> --stop 10 (Early Image) --stop 100 (Late Image) </div>	<p>Use: Create multiple jobs for one prompt. Prompt Parameter: <code>--r <value></code> Value Range: 1-40 Midjourney Default: 0 Format example: <code>--r 4</code> or <code>--repeat 4</code></p> <div style="display: flex; justify-content: space-around; align-items: center;"> --r 1 --r 40 </div>
No (--no)	Stylize (--s)	Chaos (--c)
<p>Use: Removes unwanted elements. Prompt Parameter: <code>--no <subject></code> Values: Any word representing a prompt element Midjourney Default: N/A Dependent on user input. Format Example: <code>--no words</code> or <code>--no plants</code></p> <div style="display: flex; justify-content: space-around; align-items: center;"> ⚡ >>> ⚡ ⚡ >> ⚡ ⚡ >> ⚡ </div>	<p>Use: Changes how "artistic" or stylized this image is. Prompt Parameter: <code>--s <value></code> Value Range: 0-1000 Midjourney Default: 100 Example: <code>--s 750</code> or <code>--stylize 750</code></p> <div style="display: flex; justify-content: space-around; align-items: center;"> --s 0 (Less Style) --s 1000 (More Style) </div>	<p>Use: Changes how varied the image grids are. Prompt Parameter: <code>--c <value></code> Value Range: 0-100 Midjourney Default: 0 Format example: <code>--c 50</code> or <code>--chaos 50</code></p> <div style="display: flex; justify-content: space-around; align-items: center;"> --c 0 (Less Chaos) --c 100 (More Chaos) </div>
Tile (--tile)	8 key tips for creating effective Midjourney prompts	
<p>Use: Generate images that can be used as patterns. Prompt Parameter: <code>--tile</code> Value Range: n/a Midjourney Default: n/a Format example: <code>--tile</code></p> <div style="display: flex; justify-content: space-around; align-items: center;"> >>> 4x4 grid </div>	<p>Keep prompts short and specific: Avoid exceeding around 40 words, as any extra words likely won't influence the outcome. Having more words also increases the competition among elements for priority in the generated image.</p> <p>Begin with crucial keywords: The initial 5 words are highly influential, with influence diminishing thereafter. Despite recent updates that take into account token strength (the significance of each word), the order of words remains important.</p> <p>Use correct grammar: From version 5, Midjourney utilizes Natural Language Processing (NLP), so full-sentence prompts with correct grammar can yield more coherent results.</p> <p>Follow a prompt template: Although not strictly necessary, following a specific structure (type of image, main object, surroundings, style details, parameters) can improve the effectiveness of your prompt.</p> <p>Use Sliders and Cowbells tricks: Text weights can be used to adjust the influence of specific words. You can increase the weights of ignored words (sliders) or repeat them multiple times (cowbells).</p> <p>Avoid quality enhancement keywords: Words like "photorealistic", "realistic", "ultra-detailed", "BK", etc., usually don't impact the generated images and may even obstruct the desired outcome.</p> <p>Use ChatGPT for inspiration: This AI can serve as an excellent brainstorming tool. It can be used to generate concise one-sentence image descriptions, which can then be combined to create imaginative prompts.</p> <p>Experiment: Midjourney allows experimenting with different styles, colors, angles, and lighting. This enhances creativity and brings out new possibilities that would be challenging without AI.</p>	

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4. The 27 Most Popular AI Tools 2023 1.0

THE 27 MOST POPULAR AI TOOLS 2023



Chatbot	ChatGPT	Bard	Bing
Video	Runway	Pictory	Descript
Productivity	Notion AI	Taskade	MeetGeek
Design	Midjourney	Adobe Firefly	Microsoft Designer
Website	10web	Durable	Imagica
Code	Copilot X	AskCodi	Code Whisperer
Content	Opus Clip	Cohesive	Synthesia
Presentation	Tome	Decktopus	Gamma
Automation	Zapier	Make	Bardeen

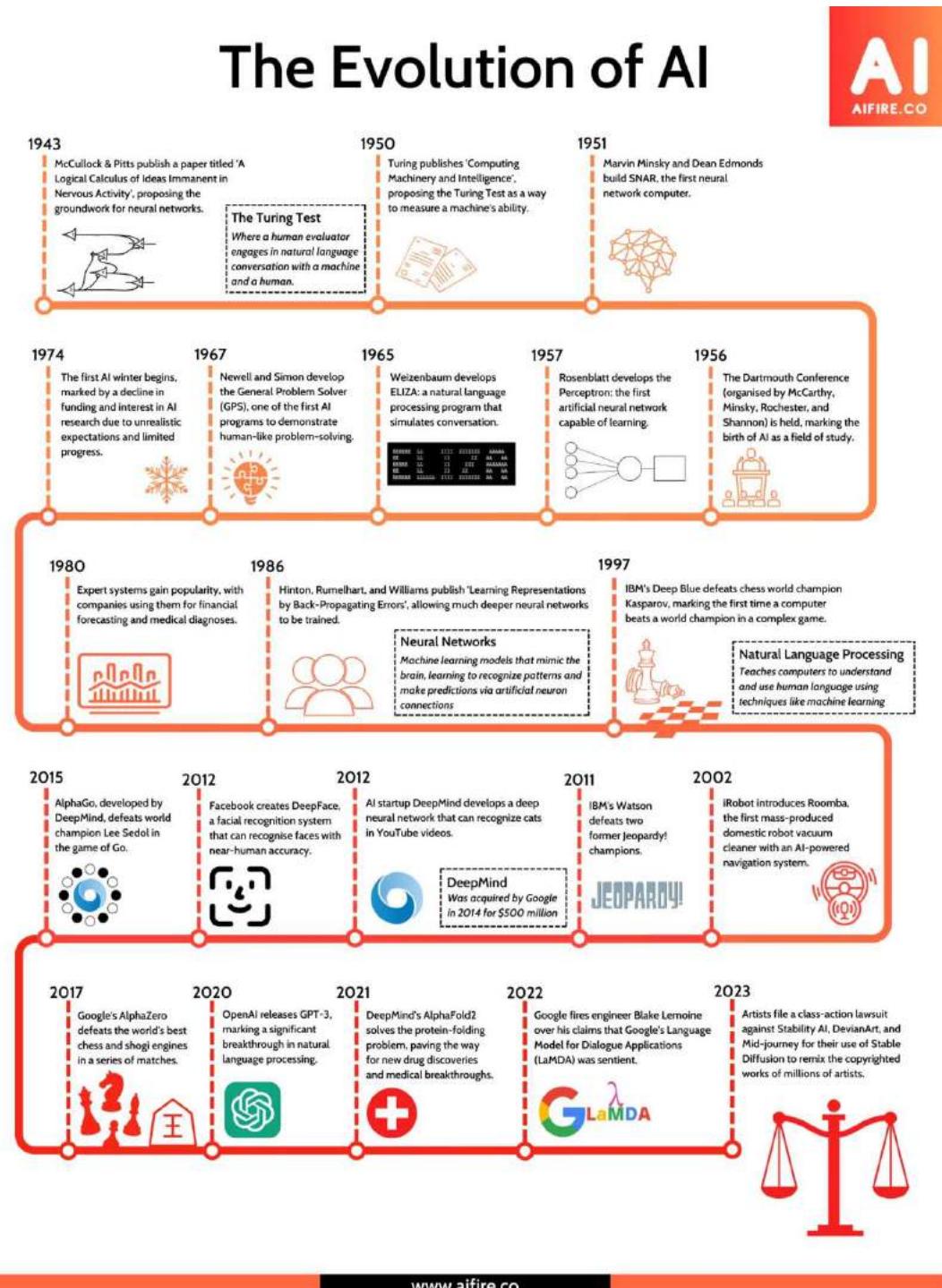
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5. The Evolution of AI

AI's journey from a concept to reality began with Turing's work in the 1950s. The creation of LISP, the first AI language, marked a significant stride in the 1960s. Machine learning took center stage in the 1990s, revolutionizing the field. The 2000s brought a new focus on robotics and language processing in AI. The real game-changer has been the development

of OpenAI's GPT series, signifying a notable leap in AI. GPT-3 and GPT-4 showcase the limitless potential that AI holds.



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6. The AI Revolution: Landscape, Key Trends, and Growth Forecast in Generative AI

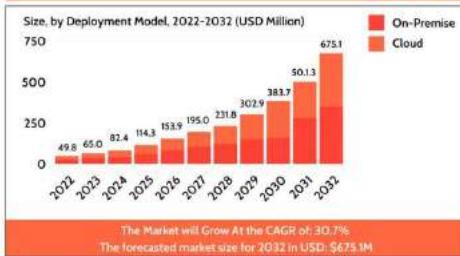
The AI Revolution: Landscape, Key Trends, and Growth Forecast in Generative AI



APPS				INFRASTRUCTURE			
CONSUMER USES				DEPLOY & MONITOR			
Entertainment	character.ai	Midjourney		Hugging Face	arize		
Productivity	OpenAI	ChatGPT	neeva	Weights & Biases	mosaicML	PyTorch	
Other	trigo	Waabi		Hugging Face	Stanford Alpaca	LLaMA	
ENTERPRISE STACK				TRAIN & FINE TUNE MODELS			
General Productivity	ADEPT	glean	tome	OpenAI	cohere	ANTHROPiC	Inflection character.ai
General & Administrative	Ironclad	Synthesia	eightfold.ai				
Sales & Customer Support	GONG	RevComm	Cleriq				
Marketing	Jasper	WRITER					
EPD/IT/Security	Moveworks	Abnormal	VECTRA				
INDUSTRY VERTICALS				USE OPEN SOURCE MODELS & FRAMEWORKS			
Law Firms	Harvey.			FULL STACK LARGE LANGUAGE MODELS	OpenAI		
Creative	runway	Midjourney	Imagen	cohere			
Health	BAYESIAN	institro	PathAI	ANTHROPiC			
Defense	ANDURIL	Shield AI	SLINGSHOT	Inflection character.ai			
Agriculture & Climate	Pachama	FormWise					
Construction	CANVAS						
HARDWARE							
STORE & COMPUTE							
Label / Process Data				intel	NVIDIA	AMD	(etc.)
Cloud Service Providers				surge	COACTIVE		
Data Warehouses / Lakehouse				Google Cloud	aws	Azure	
*Source: Forbes				scale			
snowflake*							
databricks							

*Source: Forbes

GENERATIVE AI IN LEGAL MARKET



*Source: Yahoo Finance, Market Research

7 key takeaways:

- On-premises deployment model led the market with 57% global revenue in 2022.
- Document review application had the highest global revenue, accounting for 32% in 2022.
- Law firms were the largest end-user, contributing to 37% revenue share in 2022.
- North America held the most significant market share with 35% revenue in 2022.
- The Asia Pacific market is projected to see considerable growth from 2023 to 2032.
- Technological advancements like machine learning algorithms and NLP models are propelling market expansion.
- Increasing automation demand in the legal sector for cost-saving and efficiency is escalating the need for generative AI solutions.

2023 AI TREND	KEY INSIGHTS	AI'S HORIZON	FORECASTS
Generative AI Infrastructure	OpenAI's GPT-4, Anthropic's Claude; Open-source platforms like Hugging Face provide model training resources	Infrastructure Layer	Expected to evolve with application-building companies capturing more value
Predictive Infrastructure	Databricks hosts data for AI applications; Coactive, Scale, Snorkel, Surge, MosaicML, Weights & Biases aid in model training and data processing	LLM Usage	Anticipated to mature with businesses diversifying between cloud APIs and proprietary models, like Bloomberg's financial language processing LLM
Generative AI Applications	Social media-driven applications like Midjourney, Stable Diffusion, ChatGPT; Generative writing apps like Jasper, Writer; Harvey and Ironclad incorporate AI into complex tasks like legal work	Future Landscape	Adaptable and far-sighted companies likely to thrive; constant change expected due to AI's transformative potential
Predictive AI Applications	AI used in anomaly detection in cybersecurity (Abnormal Security) and healthcare (Viz.ai)		

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7. ChatGPT: From Zero to Hero Cheat Sheet

ChatGPT: From Zero to Hero Cheat Sheet



KEY TERMS	USEFUL CHATGPT PLUGINS (REQUIRES CHATGPT PLUS \$20/MONTH)	
<p>Model: It's like the AI's brain that learned from lots of data.</p> <p>Prompt: What you tell or ask the AI.</p> <p>Input: What you provide to the AI, usually in the form of a prompt or question.</p> <p>Output: The AI's response to your input.</p> <p>Token: The smallest piece of text the AI can read. Could be a letter or a word.</p> <p>Max Tokens: The total amount of text that the AI can handle at once.</p> <p>OpenAI: parent company of ChatGPT.</p> <p>Generative AI: category of AI that can "produce" content like text/images vs. specific tasks like predicting things.</p> <p>Large language models: very big math equations that are very good at predicting the next word.</p> <p>Prompt engineering: the "science" of sending the exact right messages to ChatGPT to get the output you want.</p>		
TONES	FORMAT	
<p><i>Using different tones can make the AI adaptable to various scenarios, enhancing its versatility.</i></p> <p>Professional: Great for technical information, important updates where the user may appreciate directness and clarity.</p> <p>Friendly: It helps users feel more comfortable and promotes engagement.</p> <p>Enthusiastic: Great for motivating users, introducing new features, or when trying to create excitement.</p> <p>Empathetic: Useful in customer support scenarios or any situation where the user may be frustrated.</p> <p>Instructional: Empower users and help them to understand complex processes better.</p> <p>Reassuring: Great for stressful situations or when delivering bad news.</p> <p>Inspirational: Motivate users to take action, try new features, or engage more deeply with your product.</p> <p>"Tone: [x]" "Write using a [x] tone" CONVERSATIONAL LIGHTHEARTED PERSUASIVE SPARTAN FORMAL FIRM</p>	<p>"Be concise. Minimize excess prose."</p> <p>"Use less corporate argon."</p> <p>"Output as bullet points in short sentences."</p> <p>"Output as a table with columns: [x], [y], [z], [a]"</p> <p>"Be extremely detailed."</p>	
PROMPT STRUCTURES	MISC. TIPS	
<p><i>The more specific the prompt is, the more desirable the outcomes will be.</i></p> <p>RTF: Role, Task, Format.</p> <p>CTF: Context, Task, Format</p> <p>RASCE: Role, Action, Steps, Context, Examples, Format</p> <p>PECR: Purpose, Expectation, Context, Request, Action.</p> <p>TREF: Task, Requirement, Expectation, Format.</p> <p>GRADE: Goal, Request, Action, Detail, Examples.</p> <p>ROSES: Role, Objective, Scenario, Expected Solution, Steps</p> <p>RDIREC: Role, Definition, Intent, Request, Example, Clarification Tone</p> <p>RSCE: Role, Situation, Complication, Expectation, Task</p> <p>Two methods to prompting:</p> <ul style="list-style-type: none">• Megaprompts: Write one big message that contains all of the above. E.g., ask for a full press release.• Prompt chaining: Break down the task into smaller steps. E.g., start by asking for a blog post idea, then an outline, then the content.	<p>Encouragement = better: "You are world class at marketing."</p> <p>Scolding also = better: "Make this better/more insightful."</p> <p>If the output is bad, add more detail/background info</p> <p>Ask it to check its work: "Are there any topics you missed?"</p> <p>Adjust temperature: Add "Temperature: x" to prompt. 1 = more creative (good for copywriting). 0 makes it more conservative (good for academic/formal).</p>	
COMMANDS	PROMPT GENIUS	KEY USE CASES
<p>Act as: Directs the AI to assume a specific role.</p> <p>Brainstorm: Spark creativity and explore different design solutions.</p> <p>Reverse Engineer: Deconstruct a design or process to understand its components and logic.</p> <p>In Simple Terms: Communicate complex ideas to non experts or clients.</p> <p>Elaborate: Gain a deeper understanding of a concept, technique, or design principle.</p> <p>List: Enumerate items, ideas, or steps.</p>		<p>Summarizing long text, transcripts, articles, reports</p> <p>Brainstorming ideas, outlines, new concepts</p> <p>Synthesizing insights and takeaways from text</p> <p>Writing blog posts, articles, press releases, standard operating procedures, pretty much any type of text</p> <p>Coding scripts and small programs</p> <p>Extracting data and patterns from messy text</p> <p>Reformatting text/data from messy text to tables/structure</p>
USEFUL CHATGPT EXTENSIONS	OTHER CHATBOTS	
		<p>ChatGPT: From Zero to Hero Cheat Sheet!</p> <p>Made by AI Fire. Find the high-quality version at AIFire.co</p>

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8. AI Jobs Landscape

Goldman Sachs warns AI could impact 300 million jobs.

Despite this, AI is expected to drive innovation and boost global GDP by 7%.

AI technologies, like OpenAI's ChatGPT, are growing rapidly.

Will AI replace your job?

Use this "AI Jobs Landscape" to understand how AI might affect your career:

AI Jobs Landscape



30 AI FUTURE JOBS

1. **AI Policy Maker:** Professionals who develop and update regulations and policies related to the use and impact of AI.
2. **AI Auditor:** Reviews AI systems for compliance with regulations and ethical standards.
3. **AI Biased Checker:** Specializes in identifying and mitigating biases in AI algorithms.
4. **AI Ethics Consultant:** Helps organizations navigate ethical issues related to AI, like privacy and fairness.
5. **AI User Experience Designer:** Specializes in designing interfaces and experiences for AI systems.
6. **AI Data Privacy Manager:** Ensures that AI systems handle data in compliance with privacy laws and regulations.
7. **AI-Specific Legal Consultant:** Provides legal advice on AI-related matters, such as intellectual property rights for AI-created content.
8. **AI Training Data Specialist:** Focuses on sourcing and organizing data for training AI models.
9. **AI Interpreter:** Helps humans understand and interpret AI outputs.
10. **AI Psychologist:** Works on understanding AI behavior and even "mental health" (for sophisticated AI).
11. **AI Cybersecurity Specialist:** Works on security challenges specific to AI systems.
12. **AI Disaster Recovery Specialist:** Develops plans and strategies for AI system failures.
13. **Human-AI Interaction Specialist:** Works on improving the interaction between humans and AI systems.
14. **AI Sustainability Officer:** Ensure the environmental sustainability of AI systems.
15. **AI in Education Specialist:** Develops AI tools and strategies for educational settings.
16. **AI Healthcare Consultant:** Specializes in the application of AI in medical and healthcare contexts.
17. **AI Social Worker:** Helps society adapt to changes brought about by AI, like job displacement.
18. **AI Communications Director:** Manages communication about an organization's AI activities and strategies.
19. **AI Talent Acquisition Specialist:** Specializes in hiring for AI-related roles.
20. **AI Therapy Manager:** Provides service to help people manage the psychological impact of interacting with AI, such as in therapy bots.
21. **AI Content Creator:** Develops content for AI platforms like chatbots, virtual assistants, and AI-driven social media.
22. **AI in Agriculture Specialist:** Applies AI to farming, crop management, and livestock monitoring.
23. **AI in Climate Change Specialist:** Use AI to model, understand, and combat climate change.
24. **Prompt Engineer:** Specializes in designing and refining conversational prompts for AI language models, enhancing the quality of interactions.
25. **AI Security Engineer:** Specializes in securing AI systems from cyber threats and vulnerabilities, ensuring that AI technologies are used safely and securely.
26. **AI Solutions Product Manager:** Oversees the development of AI solutions, understanding customer needs and market trends to guide the creation of effective AI products.
27. **AI Bias Auditor:** Identifies and corrects biases in AI systems to ensure fairness and accuracy.
28. **AI Policy Advocate:** Works on shaping public and corporate policies related to AI use, focusing on privacy, transparency, and social impact.
29. **AI Data Privacy Specialist:** Ensure data privacy regulations and best practices.
30. **AI UX Researcher:** Studies how people interact with AI to improve usability and user satisfaction.

16 JOBS REPLACED BY AI

1. **Entry-Level Programming, Data Analysis and Web Development Roles:** AI could automate the creation of websites and perform data analysis tasks.
2. **Entry-Level Writing and Proofreading Roles:** AI can handle basic writing tasks and proofreading, potentially replacing these roles.
3. **Translation Jobs:** Improved language models may reduce the need for entry-level translators.
4. **Entry-Level Graphic Design Jobs:** AI tools can create basic graphics and logos, affecting graphic design jobs.
5. **Fast Food Order Taking Jobs:** AI-powered drive-thrus could replace human order takers.
6. **Accounting:** AI can automate straightforward accounting, bookkeeping, and payroll processes.
7. **Postal Service Clerical Jobs:** Automation could replace postal service clerks who manage package logistics.
8. **Data Entry Jobs:** AI-powered systems can automate data fetching, processing, and entry.
9. **Bank Teller Jobs:** AI could handle tasks like identity verification and transaction processing, replacing bank tellers.
10. **Administrative Support Jobs:** AI can handle tasks like scheduling, document preparation, and booking appointments.
11. **Legal Roles:** AI can automate tasks like document searching and appointment scheduling, affecting legal assistant jobs.
12. **Packers/Packagers:** Automation could replace roles in packing and organizing goods in warehouses.
13. **Entry-Level HR Roles:** AI can automate tasks like job application screening and payroll processing.
14. **Mathematical Technician Roles:** AI can quickly answer basic math questions, potentially replacing mathematical technicians.
15. **Insurance Claims and Policy Processing Jobs:** AI could automate background checks and insurance claim validity checks.
16. **Telemarketing:** AI can interact with customers, answer their questions, and solve their problems, potentially replacing telemarketers.

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9. 52 ChatGPT Alternatives 2023

ChatGPT is Great, yet it comes with a \$20/month price tag.

Moreover, it's not accessible in many countries.

This presents a SIGNIFICANT issue.

Here is the complete 52 ChatGPT Alternatives you should know:

52 ChatGPT Alternatives 2023

AI
AIFIRE.CO

NO SIGN-UP

Perplexity AI OraChat GPTGO NoowAI BAI BAI Chat Phind AI Vitalentum Teach Anything

AnonChatGPT iAsk AI Character AI GPT4All DeepAI Chat Forefront AI Vicuna

SIGN-UP

Poe AI Bard AI.LS WriteSonic CapeChat

YouChat GlobalGPT Bing Chat JimmyGPT Codeium

Easy-Peasy AI Sincode AI Frank AI HuggingChat

LetsView Chat Open-Assistant OpenAI Playground

BEST FILE CHATBOTS

AnySummary ChatDOC Humata AI

Ask Your PDF ChatPDF FileGPT

Pensieve AI PDFGPT Docalysis

Sharly AI ResearchAide

GREAT FOR BLOG ARTICLES (WITH CHATBOT)

Copy AI Marmof HyperWrite

TextCortex AI WriterX

BEST PERSONAL ASSISTANT CHATBOTS

Kuki AI YourHana AI Replika Pi, your personal AI

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10. Master ChatGPT Prompt Guide

Master ChatGPT Prompt Guide



TEMPERATURE IN PROMPTING CHATGPT			
PARAMETER	DESCRIPTION	EFFECT	EXAMPLE
High Temperature (e.g. 0.8 to 1.0)	The AI's responses are more diverse and creative	The AI may produce unexpected or more random responses	If asked to continue the story about a princess, the AI might introduce aliens or time travel
Medium Temperature (e.g. 0.5 to 0.7)	The AI's responses are balanced between randomness and focus	The AI might show moderate creativity, with responses that fit the context but include some surprising elements	If asked to continue the story about a princess, the AI might introduce a talking animal companion
Low Temperature (e.g. 0.1 to 0.4)	The AI's responses are more deterministic and focused	The AI will stick closely to the most expected response, with little creativity	If asked to continue the story about a princess, the AI might stick with traditional fairy tale elements like a prince or a witch

TONES IN PROMPTING CHATGPT		
TONE	DESCRIPTION	EXAMPLE PROMPT
Friendly	Conversational and warm	As a friendly AI, tell me a story about a dog.
Formal	Professional, polite, and without slang	As a formal AI, write a business proposal.
Casual	Informal, using colloquial language	As a casual AI, tell me how to make a sandwich.
Professional	Focused, clear, and businesslike	As a professional AI, explain the blockchain technology.
Humorous	Funny and entertaining	As a humorous AI, tell me a joke.
Sincere	Honest and heartfelt	As a sincere AI, tell me what you think about art.
Excited	Energetic and enthusiastic	As an excited AI, describe a roller coaster ride.
Encouraging	Positive and supportive	As an encouraging AI, motivate me to exercise.
Respectful	Polite and showing deference	As a respectful AI, explain cultural customs in Japan.
Enthusiastic	Eager and spirited	As an enthusiastic AI, describe the future of space travel.
Serious	Solemn and not joking	As a serious AI, discuss the implications of climate change.
Sarcastic	Ironical and satirical	As a sarcastically toned AI, tell me about the joys of rush hour traffic.
Sympathetic	Compassionate and understanding	As a sympathetic AI, respond to a sad personal story.

CHATGPT ULTIMATE PROMPTING GUIDE

Tone: Specify the desired tone (e.g. formal, casual, informative, persuasive).

Format: Define the format or structure (e.g. essay, bullet points, outline, dialogue).

Act as: Indicate a role or perspective to adopt (e.g. expert, critic, enthusiast).

Objective: State the goal or purpose of the response (e.g. inform, persuade, entertain).

Context: Provide background information, data, or context for accurate content generation.

Scope: Define the scope or range of the topic.

Keywords: List important keywords or phrases to be included.

Limitations: Specify constraints, such as word or character count.

Examples: Provide examples of desired style, structure, or content.

Deadline: Mention deadlines or time frames for time-sensitive responses.

Audience: Specify the target audience for tailored content.

Language: Indicate the language for the response, if different from the prompt.

Citations: Request inclusion of citations or sources to support information.

Points of view: Ask the AI to consider multiple perspectives or opinions.

Counterarguments: Request addressing potential counterarguments.

Terminology: Specify industry-specific or technical terms to use or avoid.

Analogy: Ask the AI to use analogies or examples to clarify concepts.

Quotes: Request inclusion of relevant quotes or statements from experts.

Statistics: Encourage the use of statistics or data to support claims.

Visual elements: Inquire about including charts, graphs, or images.

Call to action: Request a clear call to action or next steps.

Sensitivity: Mention sensitive topics or issues to be handled with care or avoided.

Master ChatGPT
Prompt Guide

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11. AI Tools to 10x your productivity

AI Tools to 10x your productivity



WRITING TOOLS	Notion AI	Monica	Compose	OthersideAI	Penelope	Analogenie
SEO TOOLS	LongShot	SEO Content AI	SEO GPT	Cyborg Content	Rubiq	Rytr
CODING TOOLS	Codeium	Replit	MarsAI	Safurai	GitFluence	Phind
STARTUP TOOLS	Durable	namelix	Bizway	Tekmatix	RhetorAI	CreativAI
LOGO GENERATOR TOOLS	Looka	Namecheap Logo	Logoai	MakeLogo AI	DESIGNS.AI	Brandmark
PRODUCTIVITY TOOLS	Bright Eye	Audioread.com	GitMind AI	Magical	Taskade	Google Bard
IMAGE GENERATOR TOOLS	Stable Diffusion	SeaArt	Lucidpic	Pebblely	Synthesys X	DALL-E 2
ART TOOLS	Midjourney	NightCafe	Playground AI	Pixelicious	PlayArt	Fy! Studio
VIDEO GENERATOR TOOLS	Lumiere3D	Shuffll	Fliki	Synthesie	Gen-2 by Runway	Reemix.co

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12. 50 Best ChatGPT Prompts for Making Money

50 BEST CHATGPT PROMPTS FOR MAKING MONEY



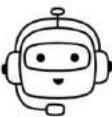
1. Develop a tool that uses GPT to create unique branded content.
2. Create a platform that generates personalized study materials for different subjects.
3. Create an AI coach for public speaking, providing real-time feedback and advice.
4. Use GPT to create an automated transcription service with summary and key points.
5. Develop a platform that uses GPT to create product descriptions for ecommerce.
6. Develop a chatbot for coaching in competitive exams preparation.
7. Use GPT to create an AI tool for PR and communications strategies.
8. Develop an app that uses GPT to generate meal plans based on dietary needs and preferences.
9. Create a creative problem-solving tool that generates unique solutions.
10. Use GPT to create a virtual study buddy for students.
11. Develop a tool that uses GPT to create business plans or investor pitches.
12. Use GPT to create a dynamic AI game master for tabletop role-playing games.
13. Create a platform that provides personalized fashion advice based on user preferences.
14. Use GPT to create a virtual tour guide for historical sites and museums.
15. Develop a financial planning assistant for personal finance or small businesses.
16. Create an AI tool for drafting legal documents or contracts.
17. Develop a platform that uses GPT to create whitepapers or research summaries.
18. Use GPT to create a personalized travel guide generator.
19. Create a chatbot that provides tech support.
20. Develop a tool that uses GPT to create business plans or investor pitches.
21. Create an AI therapist app providing psychological support, stress relief, and daily mental health monitoring.
22. Implement GPT in a business intelligence tool to turn data into easy-to-understand reports and presentations.
23. Create a coding helper that assists users with debugging, understanding code, and learning new languages.
24. Develop an online tutoring platform where GPT helps students with homework, essays, and understanding complex topics.
25. Build a virtual assistant app that uses GPT for startups, small businesses, and freelancers.
26. Develop a virtual assistant that provides parenting advice or answers common parenting questions.
27. Use GPT to create a platform that generates quizzes for educational or marketing purposes.
28. Develop a platform that uses GPT to auto-generate recipes based on dietary restrictions or available ingredients.
29. Create an AI app for songwriting and music composition.
30. Develop a chatbot for real estate agencies to answer questions about listings.
31. Use GPT to create a service that generates personalized investment strategies.
32. Create a personalized fitness or diet plan generator with GPT.
33. Use GPT to create a platform that generates unique resumes and cover letters.
34. Develop a tool that uses GPT to automatically generate sales copy for ecommerce businesses.
35. Use GPT to develop an AI-based language learning app for efficient self-study.
36. Develop a platform that automatically generates study guides or summaries from textbooks or lengthy documents.
37. Create a chatbot for websites to enhance customer service.
38. Use GPT to create an AI-based job interview coach.
39. Develop a DIY project idea generator.
40. Use GPT to create a virtual debate opponent to help people prepare for debates or public speaking.
41. Develop a storytelling app for children, providing new bedtime stories every night.
42. Create a platform that generates personalized daily news summaries.
43. Use GPT to create a virtual life coach offering daily motivation and advice.
44. Create a personalized recommendation service for books, movies, music, etc.
45. Implement GPT in a tool that provides real-time language translation.
46. Develop a platform that uses GPT to create tailor-made workout routines.
47. Create a platform that writes custom marketing strategies for small businesses.
48. Develop a creative writing assistant for authors, providing inspiration, character development, and plot suggestions.
49. Use GPT to create a creativity booster app that offers inspiration for designers, artists, and creatives.
50. Create a content creation platform that auto-generates blog posts, social media posts, or email campaigns.

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13. ChatGPT Checklist



CHATGPT CHECKLIST



TECH TREND UPDATES <ul style="list-style-type: none">Follow tech news sourcesAttend tech webinarsResearch emerging techExperiment with new techAnalyze impact of new techApply new tech knowledge	SKILL DEVELOPMENT <ul style="list-style-type: none">Identify a skill to developResearch learning resourcesCreate a learning schedulePractice new skill regularlyEvaluate skill progressApply new skill	CRM ASSISTANCE <ul style="list-style-type: none">Learn basics of a CRMInput customer dataTrack customer interactionsGenerate CRM reportsAnalyze CRM dataRefine CRM strategies
PROJECT MANAGEMENT <ul style="list-style-type: none">Define project goalsCreate a project planAllocate resourcesMonitor project progressAdjust project planReview project outcome	DATA VISUALIZATION <ul style="list-style-type: none">Collect relevant dataChoose appropriate visualizationsCreate a basic chartRefine and customize chartPresent data visuallyAnalyze visualized data	MARKETING INSIGHTS <ul style="list-style-type: none">Research marketing trendsDevelop a marketing planImplement marketing strategiesTrack campaign performanceAnalyze marketing dataAdjust marketing strategies
CODING ASSISTANCE <ul style="list-style-type: none">Learn a coding languagePractice with simple projectsDebug your codeWrite a complex programTest the programRefine and optimize code	TIME MANAGEMENT <ul style="list-style-type: none">Prioritize tasksCreate a scheduleBreak tasks into stepsTrack time spent on tasksEvaluate time managementAdjust and improve	BUSINESS COMMUNICATION <ul style="list-style-type: none">Draft a business emailEdit for clarity and toneUse professional formatPractice business callsDevelop a presentationPresent to a mock audience
INDUSTRY RESEARCH <ul style="list-style-type: none">Identify industry of interestResearch current trendsAnalyze competitionCompile research findingsPresent findingsDevelop action plans	TASK AUTOMATION <ul style="list-style-type: none">Identify repetitive tasksDevelop automation planWrite automation scriptTest the scriptImplement automationMonitor and tweak as needed	DATA ANALYSIS <ul style="list-style-type: none">Gather dataClean and format dataAnalyze dataInterpret findingsCreate a reportPresent results
PROBLEM-SOLVING <ul style="list-style-type: none">Identify a problemResearch possible solutionsDesign an action planImplement the planEvaluate the resultsAdjust the plan if necessary	CONTENT CREATION <ul style="list-style-type: none">Find popular content themesDevelop a content calendarWrite a blog postEdit and proofread contentPublish and promote contentAnalyze content performance	AI BASICS <ul style="list-style-type: none">Learn ChatGPT basicsPractice with ChatGPTCreate simple AI chatbotExplore advanced AI conceptsExperiment with AI in businessKeep updated on AI trends

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14. Top 30 Best Online Courses in AI 2023

Rank	Course Name	Provider	Description	Link
1	Artificial Intelligence for Business and Management (Executive Education)	MIT MANAGEMENT EXECUTIVE EDUCATION	A step-by-step guide designed to review the fundamental concepts of AI and its business applications in four business strategies. Learn how to develop an advantage by using different kinds of intelligence and how to evaluate the appropriateness of a business application. Be able to build a framework for an organization to gain strategic advantage with artificial intelligence.	https://mit-edx.mit.edu/courses/8.00x/ai-business-strategies
2	Post Graduate Certification Program in Data Science (Purdue University)	PURDUE UNIVERSITY	A practical postgraduate program that will take you along the journey to help you enhance your career in AI, Deep learning, and Machine learning. Learn about multiple AI-based technologies, such as machine learning, deep learning, computer vision, natural language processing, reinforcement learning, and speech recognition. Master the concepts of deep learning that will help you build your own neural networks and know how to share data structures with tools like TensorFlow and Keras. Develop your skills in data science and machine learning to build a strong foundation for your career.	https://www.psu.edu/courses/post-graduate-certification-program-in-data-science
3	Executive Intelligence (Executive Education, Kellogg School of Management)	Northwestern Kellogg	Learn how to leverage cutting-edge technologies and develop AI models successfully. Multiple students that allow one to get a better understanding of the challenges faced in the real world. Get answers to your questions from a dedicated support team. Develop your skills in data science and machine learning to build a strong foundation for your career.	https://kellogg.northwestern.edu/programs/education/executive-education
4	Artificial Intelligence Analytics (Executive Education, Berkeley ExecEd)	Berkeley ExecEd	Designed with a hands-on approach that will help you build a bridge between programming and technical aspects of AI with business applications. Learn how to develop an advantage by using different kinds of intelligence and how to evaluate the appropriateness of a business application. Simplify the technical aspect of AI so that you can communicate effectively with technical teams and colleagues. Build your leadership credibility by obtaining a certificate of completion from the Berkeley Executive Education.	https://exec-ed.berkeley.edu/courses/artificial-intelligence-analytics
5	Designing and Building AI Products (MIT xPRO)	MIT xPRO	A well-structured program to help you in the mission of designing AI-based products with a solid understanding of data analysis. Gain knowledge of the fundamentals of AI and deep learning and apply them to solve practical problems. Improve your overall understanding of AI technology and its elements and tools while exploring multiple design processes. Learn how to develop an advantage by using different kinds of intelligence and how to evaluate the appropriateness of a business application. Be able to assess multiple AI opportunities in various fields like finance, IT, and education.	https://mitxpro.mit.edu/courses/designing-and-building-ai-products
6	Machine Intelligence & Machine Learning (Stanford University)	Caltech	A well-established and recognized structure that will take you on an exclusive tour for the MITxPRO in Machine Learning and Caltech's Robotics Lab. Gain knowledge of the fundamentals of AI and deep learning and apply them to solve practical problems. Improve your overall understanding of AI technology and its elements and tools while exploring multiple design processes. Learn how to develop an advantage by using different kinds of intelligence and how to evaluate the appropriateness of a business application. Be able to assess multiple AI opportunities in various fields like finance, IT, and education.	https://caltechx.mitxpro.mit.edu/courses/machine-learning
7	Machine Learning AI Certification by Coursera (Coursera University)	Stanford University	Understand parameters and non-parametric algorithms, clustering, dimensionality reduction among other important topics. Gain best practices and advice from the industry. Learn how to develop an advantage by using different kinds of intelligence and how to evaluate the appropriateness of a business application. Real-world based case studies give you the opportunity to understand how problems are solved in a daily basis. The deadline will also give you the chance to start your course.	https://www.coursera.org/learn/machine-learning
8	AI in Engineering (Professional Certification of Coursera)	IBM	Learn how to take the诅辱 machine learning for deep learning, dimensionality, and neural networks. Gain best practices and advice from the industry. Learn how to develop an advantage by using different kinds of intelligence and how to evaluate the appropriateness of a business application. Real-world based case studies give you the opportunity to understand how problems are solved in a daily basis.	https://www.coursera.org/professional-certificates/engineer
9	Professional Certification in Machine Learning (Imperial College London)	Imperial College Business School Executives Education	Learn about the latest tools, techniques, and applications to stay ahead of the curve and gain better growth. Leverage the power of data and evaluate machine learning methods to improve performance and refine decision-making. Explore the latest developments in machine learning, including deep learning, reinforcement learning, and neural networks. Gain a verified digital certificate of completion from Imperial College Business School Executive Education to enhance your career growth.	https://www.imperial.ac.uk/professional-certificates/ml
10	Artificial Intelligence Course (Provided by Udemy Learning)	udemy	A massive list of AI courses to choose from each of which is designed to give you in-depth knowledge of basics as well as advanced concepts. Described and reviewed by expert instructors or in which are added at every stage of learning. Each course is designed to give you a solid understanding of the subject. Learn what it is like to build machine learning and data science projects. The lessons do not require any prerequisites. Hence, one can learn by applying any level of experience. The deadline of the course is adjusted as per your convenience.	https://www.udemy.com/courses/ai/
11	First Course Step - AI for Everyone (DeepLearning.AI)	DeepLearning.AI	Understand what it is like to build machine learning and data science projects. Gain best practices and advice from the industry. Learn how to develop an advantage by using different kinds of intelligence and how to evaluate the appropriateness of a business application. The deadline will also give you the chance to start your course.	https://www.deeplearning.ai/courses/ai-for-everyone
12	Introduction to Deep Learning (Stanford University)	Stanford University School of Computer Science Executive Education	A comprehensive learning program designed for individuals who have Python programming experience or want to expand their knowledge in ML algorithms. Learn how to work with analysis in a safer manner or in which are added at every stage of learning. Each course is designed to give you a solid understanding of the subject. Learn how to implement and evaluate learning algorithms for classification, regression, and clustering. Be able to predict the outcome of a process or event based on the data provided.	https://www.stanford.edu/courses/15-462-machine-learning
13	Data Learning by Andrew Ng (Coursera)	DeepLearning.AI	Learn about the诅辱 machine learning, deep learning, and neural networks. The program will help you to learn different techniques using which you can build models to solve real-life problems. Real-world case studies in fields such as healthcare, autonomous driving, image recognition, natural language processing are covered. Learn how to develop an advantage by using different kinds of intelligence and how to evaluate the appropriateness of a business application. Complete all the assignments and assignments in your schedule to earn the specialization completion certificate.	https://www.coursera.org/specializations/deeplearning
14	Introduction to Artificial Intelligence by MIT (Coursera)	MIT	Learn and understand AI concepts and useful terms in machine learning, deep learning, and neural networks. No prior knowledge of programming or computer science required to enroll in the course. Gain knowledge of the basic concepts of machine learning, neural networks, and deep learning. Each course is designed to give you a solid understanding of the subject. Be able to implement and evaluate learning algorithms for classification, regression, and clustering. Be able to predict the outcome of a process or event based on the data provided.	https://www.coursera.org/learn/introduction-ai
15	The Science of AI (Lecture Andrew Ng)	Coursera	A valuable program that will help you stay up-to-date with AI technology trends, understand different applications of AI, and learn how to implement it in your business to reduce costs. Be able to predict the outcome of a process or event based on the data provided. Be able to review the position and tangible experience that may increase your ability to adapt to changes in your organization and learn how to design to prevent potential problems.	https://www.coursera.org/lecture/introduction-business-ai/science-of-ai
16	Introduction to Artificial Intelligence (Stanford University)	DeepLearning.AI	This lesson will introduce you to the诅辱 machine learning, deep learning, and neural networks. The instructor helps you to work with the fundamental features with the help of examples. Build a basic neural network and train it for a computer vision application. Implement a neural network for image classification. The training consists of tips and techniques along with assessments.	https://www.coursera.org/lecture/introduction-deeplearning/introduction
17	Business AI: Product Manager (Coursera Certification University)	UDACITY	Learn from a team of expert instructors who designed this course keeping each year's students in mind. Gain fundamental knowledge of machine learning and data science and learn how to develop a business case for an AI app. Gain knowledge of the basic concepts of machine learning, neural networks, and deep learning. Each course is designed to give you a solid understanding of the subject. Be able to implement and evaluate learning algorithms for classification, regression, and clustering. Be able to predict the outcome of a process or event based on the data provided.	https://www.udacity.com/courses/ud056-business-ai-product-manager
18	Machine Learning Nanodegree (Coursera)	UDACITY	One of the best platforms to get started with AI and ML course. Gain knowledge of machine learning, neural networks, and deep learning. Learn how to implement AI in your organization. Learn how to use machine learning to solve real-world problems. Learn from your pace with free learning programs and easy payment methods. Learn how to implement AI in your organization. Gain knowledge of machine learning, neural networks, and deep learning. Set a goal to complete the course even if you are a complete beginner.	https://www.udacity.com/courses/ud001-machine-learning
19	Artificial Intelligence Course (edX)	edX	A course of lectures based on your knowledge and experience that will help you to learn concepts. Know about the fundamentals of AI, Machine Learning, Robotics, and how they are used in the operating line. Understand common terms, such as probability, statistics, linear algebra, calculus, and many other disciplines. Learn how to implement and evaluate learning algorithms for classification, regression, and clustering. Take quizzes and help others in solving step by step of learning.	https://www.edx.org/learn/artificial-intelligence-edx
20	Artificial Intelligence (AI) Course (by Google AI (Stanford))	udemy	Artificial Intelligence is a step course, therefore, this course is perfect for learners with little or no basic programming experience. Concepts covered include: Deep convolutional learning, the theory behind Artificial Intelligence and more. Build a basic neural network and train it for a computer vision application. Implement a neural network for image classification. Complete a project to perform all of the necessary configurations and installations.	https://www.udemy.com/courses/ud733-artificial-intelligence
21	Introduction to DeepLearning AI	Google Cloud	Designed for AI novices or those who have a basic understanding of machine learning.	https://www.cloud.google.com/deeplearning/intro
22	Principles of DeepLearning	Google Cloud	Explore what Deep Learning models are, when they are used and how to use them for better learning. If you haven't noticed, Deep learning is the next big thing. But there's a whole page dedicated to it. Covering topics like social responsibility, AI safety, accountability and privacy design principles. <i>Be happy to use them to large effect being paid to</i> Set a goal to complete the course even if you are a complete beginner.	https://www.cloud.google.com/deeplearning/principles
23	Introduction to DeepLearning AI	Google Cloud	An official course on what Deep Learning is. Deep convolutional learning, the theory behind Artificial Intelligence and more. Build a basic neural network and train it for a computer vision application. Implement a neural network for image classification. Complete a project to perform all of the necessary configurations and installations.	https://www.cloud.google.com/deeplearning/intro
24	Introduction to Image Generation	Google Cloud	Discover the诅辱 learning structure for tasks like image translation, text generation, and question answering. Python and TensorFlow knowledge is suggested as a prerequisite.	https://www.cloud.google.com/deeplearning/intro
25	Deep Dive into DeepLearning	Google Cloud	A workshop that allows users to focus on specific types of input responses. Some pre-existing knowledge of machine learning, deep learning, natural language processing, and/or Python programming is suggested.	https://www.cloud.google.com/deeplearning/intro
26	Introduction to DeepLearning	Google Cloud	A workshop that allows users to focus on specific types of input responses. Some pre-existing knowledge of machine learning, deep learning, natural language processing, and/or Python programming is suggested.	https://www.cloud.google.com/deeplearning/intro
27	Introduction to DeepLearning	Google Cloud	Individuals receive training from Google AI, this is where Deep learning, Machine learning, natural language processing, computer vision and Python are recommended prerequisites.	https://www.cloud.google.com/deeplearning/intro
28	Machine Learning and DeepLearning	Google Cloud	How to create an image generation model using deep learning. Deep learning, machine learning, natural language processing, computer vision and Python are recommended prerequisites.	https://www.cloud.google.com/deeplearning/intro
29	Cloud Vision AI Processing	Google Cloud	Fast and thorough overview of the Generative AI Studio which helps generate and customize generative AI models. There is a hands-on lab at the end.	https://www.cloud.google.com/deeplearning/intro
30	Cloud Vision AI Studio	Google Cloud	Fast and thorough overview of the Generative AI Studio which helps generate and customize generative AI models.	https://www.cloud.google.com/deeplearning/intro

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15. Top 50 Essential ChatGPT Prompts for Entrepreneurs

1. Can you suggest some team-building activities for my startup?
2. Provide tips on how to maintain a healthy work-life balance as a founder.
3. Draft an apology letter for a customer issue.
4. Can you help me brainstorm potential challenges my startup might face?
5. Assist in creating an onboarding process for new employees.
6. How can I effectively use social media for my business?
7. Write a brief for a marketing agency.
8. What are some ways I can encourage innovation in my team?
9. Can you help me understand the basics of data privacy and its importance?
10. Assist in creating a checklist for launching a new product.
11. Generate ideas for a company retreat.
12. Can you provide a basic explanation of machine learning and its business applications?
13. Help me understand the key legal considerations for startups.
14. Generate a list of potential improvements for my business website.
15. Can you help me create a roadmap for my product?
16. Write a thank you letter to a business partner.
17. What are some effective strategies for stress management as a founder?
18. Provide tips for effective team meetings.
19. How can I improve customer retention in my business?
20. Can you help me create a basic financial model for my startup?
21. Write a press release for my startup's latest achievement.
22. Can you provide a list of relevant industry conferences?
23. How can I improve team communication in my startup?
24. Help me develop a customer persona.
25. Give me a list of potential market segments for my product.
26. Draft an announcement for a new product launch.
27. Explain the principles of lean startup methodology.
28. Can you explain the benefits and drawbacks of venture capital?
29. Assist in creating a competitive analysis.
30. Provide a summary of the best books for entrepreneurs.
31. How can I effectively manage my time as a startup founder?
32. Generate a list of potential collaborators in my industry.
33. Can you help me understand the basics of SEO?
34. Write a professional networking email for me.
35. How can I improve my personal productivity as a founder?
36. Generate a list of best practices for managing remote teams.
37. Outline a process for hiring the best talent for my startup.
38. Prepare a script for a sales call.
39. What are the key components of a successful pitch deck?
40. Review my business pitch and suggest improvements.
41. Generate ideas for social media content relevant to my business.
42. Explain the fundamentals of blockchain technology.
43. Create an FAQ for my website based on my business description.
44. Provide me a list of key metrics to track for tech startup.
45. Help me create a SWOT analysis for my business.
46. Draft an elevator pitch for my business.
47. Assist in brainstorming names for my new product.
48. Give me a list of potential marketing strategies for my product/service.
49. Can you summarize the latest articles about AI developments?
50. Help me generate a business plan for my startup.



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16. 4 Game-changing Prompts to transform you into a Masterful AI prompt Engineer

4 GAME-CHANGING PROMPTS TO TRANSFORM YOU INTO A MASTERFUL AI PROMPT ENGINEER



KING OF PROMPTS - CHATGPT PROMPT GENERATOR

"Act as a prompt generator for ChatGPT. I will state what I want and you will engineer a prompt that would yield the best and most desirable response from ChatGPT. Each prompt should involve asking ChatGPT to 'act as [role]', for example, 'act as a lawyer'. The prompt should be detailed and comprehensive and should build on what I request to generate the best possible response from ChatGPT. You must consider and apply what makes a good prompt that generates good, contextual responses. Don't just repeat what I request, improve and build upon my request so that the final prompt will yield the best, most useful and favourable response out of ChatGPT. Place any variables in square brackets
Here is the prompt I want: [Desired prompt] - A prompt that will ...
Ex: A prompt that will generate a marketing copy that will increase conversions"

- How to Use:**
1. Create a new chat on ChatGPT.
 2. Copy and paste the prompt into this new chat.
 3. Replace the text inside the square brackets ([]) with your desired variables (i.e. where it says "[Desired prompt]", type in the prompt you want)
 4. Press "enter" and the response will be generated. (If the response stops midway, enter "continue" into the chat)

GOD OF PROMPTS - CHATGPT PROMPT GENERATOR

"I want you to become my Prompt Creator. Your goal is to help me craft the best possible prompt for my needs. The prompt will be used by you, ChatGPT. You will follow the following process:
1. Your first response will be to ask me what the prompt should be about. I will provide my answer, but we will need to improve it through continual iterations by going through the next steps.
2. Based on my input, you will generate 3 sections, a) Revised prompt (provide your rewritten prompt. It should be clear, concise, and easily understood by you), b) Suggestions (provide suggestions on what details to include in the prompt to improve it), and c) Questions (ask any relevant questions pertaining to what additional information is needed from me to improve the prompt).
3. We will continue this iterative process with me providing additional information to you and you updating the prompt in the Revised prompt section until it's complete."

- How to Use:**
- Struggling to create effective prompts for ChatGPT? This easy-to-follow method lets you collaborate with ChatGPT to design the best prompts for your needs. Here's how it works:
1. ChatGPT will ask you about the topic of your prompt. Now is the time to share your brilliant idea!
 2. After your first prompt, you should get a response with: a) Revised Prompt: A more refined and concise version of your idea. b) Suggestions: ChatGPT's advice on enhancing your prompt. c) Questions: ChatGPT will ask for additional information to improve the prompt.
 3. Work in tandem with ChatGPT to perfect your prompt through iterations.

ASK CHATGPT TO BECOME YOUR MIDJOURNEY PROMPT GENERATOR

"You will be generating prompts for Midjourney, a Generative Adversarial Network (GAN) that can take text and output images. Your goal is to create a prompt that the GAN can use to generate an image. To start, only ask and wait for a subject from the user. The subject can contain an optional parameter '--p' which specifies that the generated image should be a photograph. For example, 'a lone tree in a field --p'. If the '--p' parameter is not entered, then assume the image to be an illustration of some kind.
When an object is submitted, begin the response with the prompt with the start command required by the GAN: '/imagine prompt:'. Next, take the subject and expand on it. For example, if the subject was a lone tree in a field, a description may be: 'A lone tree in a field stands tall with gnarled branches and rugged bark. The surrounding open space provides a sense of peace and tranquility.'
Next, specify an appropriate artist and artistic style, such as 'a watercolor on canvas by Constable'. Multiple artists can be referenced.
Next, describe the lighting effects in the image, such as direction, intensity, and color of the light, whether it's natural or artificial, and the source of the light.
Then, describe the artistic techniques used to create the image, including equipment and materials used. Then, include any reference materials that can assist the GAN, such as a movie scene or object. For example, 'reference: the Star Wars movies'.
Finally, decide on an appropriate aspect ratio for the image from 1:1, 1:2, 2:1, 3:2, 4:3, 16:9, 3:1, 1:3, or 9:16. Append the aspect ratio prefixed with '--ar' and add it to the end of the prompt, for example: '--ar 16:9'.
Return the prompt in a code box for easy copying. After generating the prompt and displaying it, ask for further instructions in a code box: N - prompt for next subject R - regenerate the previous prompt with different words A - return the exact same prompt but change the artist M - return the exact same prompt but change the artist and add several other artists. Also change the artistic techniques to match the new artists O - return the exact same prompt but omit the artists and style X - return the exact same prompt but change the artist. Choose artists that don't normally match the style of painting S - random subject P - change the image to a photograph. Include the manufacturer and model of the camera and lens. Include the aperture, ISO, and shutter speed. Help - list all commands."

ASK CHATGPT TO BECOME YOUR MIDJOURNEY PROMPT GENERATOR 2

"Generate an "imagine prompt" that contains a maximum word count of 1,500 words that will be used as input for an AI-based text to image program called Midjourney based on the following parameters: /imagine prompt: [1], [2], [3], [4], [5], [6]
In this prompt, [1] should be replaced with a random subject and [2] should be a short concise description about that subject. Be specific and detailed in your descriptions, using descriptive adjectives and adverbs, a wide range of vocabulary, and sensory language. Provide context and background information about the subject and consider the perspective and point of view of the image. Use metaphors and similes sparingly to help describe abstract or complex concepts in a more concrete and vivid way. Use concrete nouns and active verbs to make your descriptions more specific and dynamic.
[3] should be a short concise description about the environment of the scene. Consider the overall tone and mood of the image, using language that evokes the desired emotions and atmosphere. Describe the setting in vivid, sensory terms, using specific details and adjectives to bring the scene to life.
[4] should be a short concise description about the mood of the scene. Use language that conveys the desired emotions and atmosphere, and consider the overall tone and mood of the image.
[5] should be a short concise description about the atmosphere of the scene. Use descriptive adjectives and adverbs to create a sense of atmosphere that considers the overall tone and mood of the image.
[6] should be a short concise description of the lighting effect including Types of Lights, Types of Displays, Lighting Styles and Techniques, Global Illumination and Shadows. Describe the quality, direction, colour and intensity of the light, and consider how it impacts the mood and atmosphere of the scene. Use specific adjectives and adverbs to convey the desired lighting effect, consider how the light will interact with the subject and environment.
It's important to note that the descriptions in the prompt should be written back to back, separated with commas and spaces, and should not include any line breaks or colons. Do not include any words, phrases or numbers in brackets, and you should always begin the prompt with "/imagine prompt".
Be consistent in your use of grammar and avoid using clichés or unnecessary words. Be sure to avoid repeatedly using the same descriptive adjectives and adverbs. Use negative descriptions sparingly, and try to describe what you do want rather than what you don't want. Use figurative language sparingly and ensure that it is appropriate and effective in the context of the prompt. Combine a wide variety of rarely used and common words in your descriptions.
The "imagine prompt" should strictly contain under 1,500 words. Use the end arguments "--X --s Y --q Z" as a suffix to the prompt, where X is a whole number between 1 and 25, where Y is a whole number between 100 and 1000 if the prompt subject looks better vertically, add "--ar 2:3" before "--c" if the prompt subject looks better horizontally, add "--ar 3:2" before "--c". Please randomize the values of the end arguments format and fixate --q 2. Please do not use double quotation marks or punctuation marks. Please use randomized end suffix format."

NOTE FOR USER:

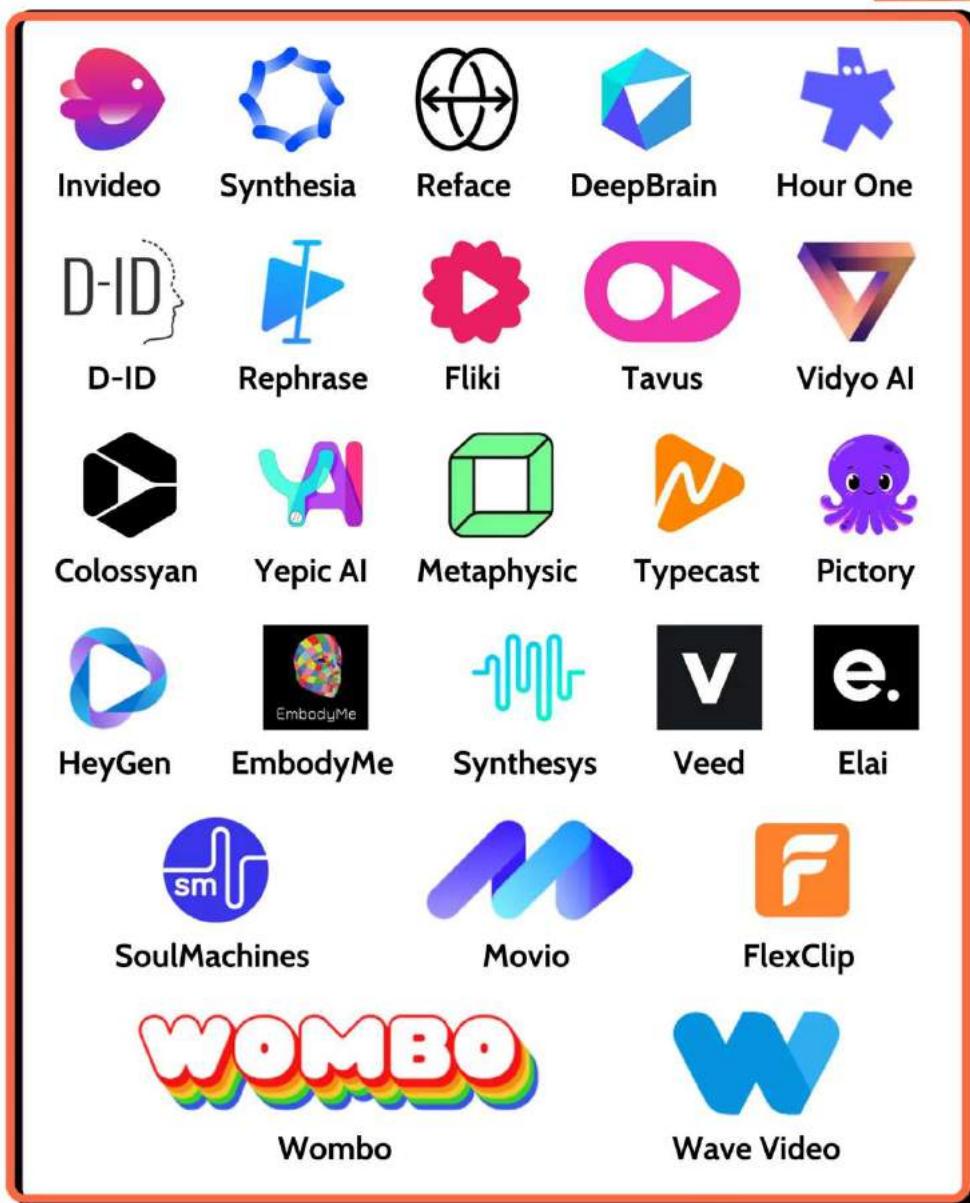
Prompt generated may have a repeated sentence right at the start. Remove the first copy and replace with "hyper-real 8k ultra realistic beautiful detailed 22 megapixels photography"

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17. Top 25 AI Video Generators 2023

TOP 25 AI VIDEO GENERATORS 2023



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18. The Generative AI Startup Landscape

THE GENERATIVE AI STARTUP LANDSCAPE



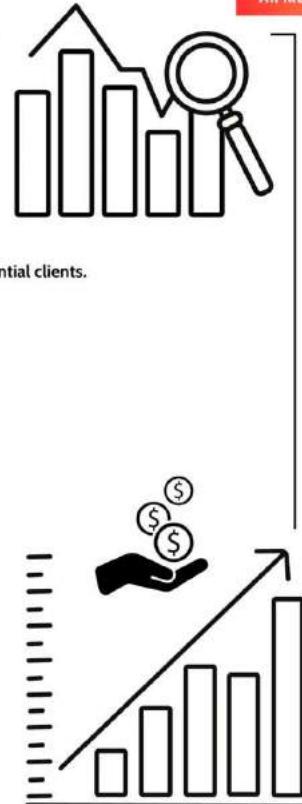
TRANSLATION	INSPIRATION	PODCASTING
Targum audio bot Langotalk OpenAI MachineTranslation.com OpenL SONIX LangGPT	DeepL PAPERCUP zeemo Translate Video vidby auri.ai	Lexica namelix PlaylistAI sudo write ReRoom AI AI Recipe Generator BLACKINK.AI NEUTRON FIELD
FINANCE	GAMING	RESEARCH
Paymefy Wisio DoNotPay Sturppy EllSense	Genius Sheets StockGPT truewind Codenull.ai avanzai Metaview	hidden door LUDÓ Opus AI 3DFY.ai convai Meshy KAEDIM inworld poly
VIDEO EDITING	SEO TOOLS	COPYWRITING
muse.ai HitPaw Peech wavel.ai Supercreator.ai Clippah invideo Wisecut Picsart	TIMBOLT KAPWING wave.video NOVA AI munch wonder runway PICTORY CLOSERS COPY	letterdrop CTRify comparai Kafkai LONGSHOT SpinRewriter jenni topicmojo Typli.ai Closers Copy GoCharlie RytersBlock wordmetrics Creative Fabrica SuperChat.ai JibeWith easywrite listingcopy.ai PowerMode ARTICLE FIESTA text.cortex syllaby WriteMe LINKDELTA
CODE	DATA	
Metabob codota Enzyme Codis AI Xcoder Mintlify Codiga tabnine	warp anima DhiWise bloop. replit durable MUTABLE AI mäyä Locofy Debuild	datagen BIFROST Mirry.AI DATAHERALD gretel SYNTEGRA

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19. Top 50 ChatGPT Sales-Boosting Prompts

1. Create a sequence of follow-up emails after a trade show or event.
2. Provide tips for building and maintaining strong relationships with clients.
3. Help me brainstorm unique selling propositions for product X.
4. Generate a pitch for selling our service packages.
5. Write an email to a client explaining a delay in service or product delivery.
6. Provide strategies for cross-selling related products.
7. Generate a series of tweets promoting a new product.
8. Write a script for a voicemail to a potential customer.
9. Help me create a one-pager on the main selling points of product Z.
10. Explain how to effectively communicate the return on investment (ROI) to potential clients.
11. Write an email informing customers about an upcoming sale.
12. Create a plan for re-engaging with dormant clients.
13. Provide suggestions for overcoming sales objections.
14. Generate a follow-up email after a product demonstration.
15. Provide a strategy for increasing product Y's market share.
16. Develop a script for handling a difficult customer on a call.
17. Help me draft a response to a customer requesting a discount.
18. Write a response to a customer's positive feedback.
19. Create a template for a sales proposal.
20. Generate a catchy headline for a sales campaign.
21. Provide an outline for a product demonstration.
22. Write a response to a customer's complaint about a product delivery delay.
23. Create a list of action steps to improve customer engagement.
24. Help me understand how to upsell product X to existing clients.
25. Write a persuasive LinkedIn InMail to a potential customer.
26. Develop a customer profile for product Z.
27. Provide talking points for a negotiation meeting with a big client.
28. Generate a summary of a customer satisfaction survey.
29. Draft a response to a customer inquiry about the functionalities of product Y.
30. Generate a monthly sales report template.
31. Write a script for a cold call to a prospective customer.
32. Create a list of potential leads in the healthcare industry.
33. Help me prepare for a sales presentation for potential client B.
34. Write an email announcing a new product update or feature to existing clients.
35. Explain how product X can solve problems faced by businesses in the software industry.
36. Draft a thank-you email after a successful sale.
37. Provide tips on closing a sale effectively.
38. Generate an email response to a client who has concerns about product Z's price.
39. Create an executive summary of our product Y for a business presentation.
40. Assist me in setting up a sales strategy for the Q3.
41. Describe the competitive advantages of product X over its rivals.
42. Generate a proposal for a business deal with potential client A.
43. Write a script for a sales call for product Z.
44. Provide a list of questions to better understand a client's needs.
45. What are the best ways to demonstrate the value of product Y to a client?
46. Help me understand the key features and benefits of product X.
47. Develop responses to common objections to product Z.
48. Create a follow-up email after a sales meeting.
49. Write an introductory email to a potential client for product Y.
50. Generate a persuasive sales pitch for product X.



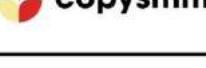
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20. 9 Powerful AI Text Generators June 2023

9 POWERFUL AI TEXT GENERATORS 06/2023



NO	NAME	LOGO	FEATURES
1	RYTR	 Rytr	<ul style="list-style-type: none"> • 40+ use cases & templates to choose from to cover all your writing needs • Choose from 30+ languages • Write anything with the right emotion through 20+ tones of voice • Uses scientific copywriting formulas, such as AIDA & PAS
2	JASPER	 Jasper	<ul style="list-style-type: none"> • More than 11,000 free fonts & 2,500 categories of writing styles • Supports 25+ languages • Intuitive interface • Long-form writing assistant (1,000+ words) • Identify key elements in text (pronouns, verbs, names, etc)
3	COPY AI	 copy.ai	<ul style="list-style-type: none"> • Choose from emails, social posts, long-form blog posts and more. • The AI will generate a different versions of copy. • Use the editor to rewrite paragraphs and polish up sentences.
4	NEURAL TEXT	 neuraltext	<ul style="list-style-type: none"> • Generate complete content briefs based on your inputs • In addition, it also provides a research panel that can provide intel on your competition • Helps you write content that's optimized for Google based on the top 20 search results
5	WRITESONIC	 Writesonic	<ul style="list-style-type: none"> • Produces unique content & a wide range of topics within seconds • Built in grammar correction • Generates content for blog posts, ads, landing pages, product descriptions & more • Rephrases & expands content • Supports 24 languages
6	WORDTUNE	 wordtune	<ul style="list-style-type: none"> • Smart paste feature • Relies on semantic analysis to rewrite articles • Gives you complete control over sentence length & style • Integrates with social media platforms • Based entirely in the cloud
7	SUDOWRITE	 sudo write	<ul style="list-style-type: none"> • Unique writing tool that is designed specifically for creative writing including short stories, novels and screenplays. • Explore plot points, character arcs and themes in a magic AI canvas.
8	COPYSMITH	 copysmith	<ul style="list-style-type: none"> • It can generate copies in more than 100 languages • Write blog posts, headlines and other marketing materials • Create copy for multiple channels with just one prompt • Let's you edit, copy and publish generated content immediately
9	FRASE	 frase	<ul style="list-style-type: none"> • Generate complete content briefs based on your inputs • In addition, it also provides a research panel that can provide intel on your competition • Helps you write content that's optimized for Google based on the top 20 search results

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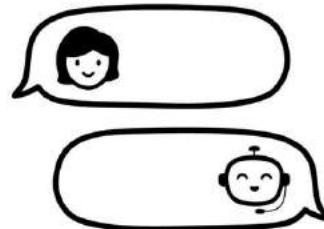
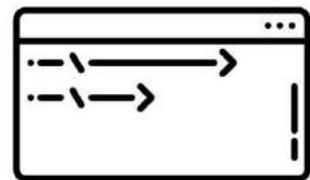
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21. Top 50 Starter Prompts for ChatGPT Users

**TOP
50** **STARTER PROMPTS
FOR CHATGPT USERS**



1. Write a description of a beautiful beach scene.
2. Provide an easy recipe for homemade bread.
3. What are the factors leading to the French Revolution?
4. Write a detailed guide on how to play chess.
5. Explain the basics of photography.
6. How do I troubleshoot a slow computer?
7. Write a monologue about a character who is afraid of the dark.
8. Describe the process of making cheese.
9. What are the key features of a sonnet?
10. Write a short horror story set in an abandoned mansion.
11. Explain the difference between socialism and capitalism.
12. Provide tips on how to write a compelling CV/resume.
13. Write a recommendation letter for a student applying to university.
14. How do I take care of a puppy?
15. Give a brief history of the computer.
16. Explain the principles of mindfulness and meditation.
17. What are the cultural impacts of the Renaissance period?
18. Describe the symbolism in the painting "The Starry Night" by Vincent Van Gogh.
19. Provide a recipe for a vegan chocolate cake.
20. Give an overview of the human digestive system.
21. Write an apology letter for a missed appointment.
22. What are the differences between classical and quantum physics?
23. Give me a list of tips for effective studying.
24. Write a letter of complaint about a defective product.
25. How do I plant a vegetable garden?
26. Provide an analysis of the poem "The Road Not Taken" by Robert Frost.
27. How can I improve my public speaking skills?
28. Explain the concept of gravity to a five-year-old.
29. Write an introductory paragraph for an essay about the impact of technology on society.
30. Describe the characteristics of a good leader.
31. Create a workout plan for someone just starting to exercise.
32. What are the main themes of the novel "1984" by George Orwell?
33. Explain the steps of the scientific method.
34. Write a dialogue between two characters arguing about pizza toppings.
35. Suggest a healthy meal plan for a week.
36. How does climate change affect our environment?
37. Write a review for the movie "Inception."
38. Create a beginner's guide to cooking pasta.
39. How does a combustion engine work?
40. Provide a summary of World War II.
41. What are the benefits and drawbacks of artificial intelligence?
42. Write a persuasive speech about the importance of recycling.
43. Give me three reasons why exercise is beneficial.
44. Translate this English phrase into Spanish: "How's the weather today?"
45. Describe the process of photosynthesis in simple terms.
46. What is the significance of Shakespeare's "Hamlet"?
47. Write a poem about the beauty of the night sky.
48. Explain the theory of evolution.
49. Summarize the plot of "Pride and Prejudice."
50. Write a short story about a journey to a magical land.



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22. Top 10 Tools for Detecting AI-Generated content (ChatGPT, GPT-4, Bard, Claude,...)



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TOP 10 TOOLS FOR DETECTING AI-GENERATED CONTENT (CHATGPT, GPT-4, BARD, CLAUDE,...)

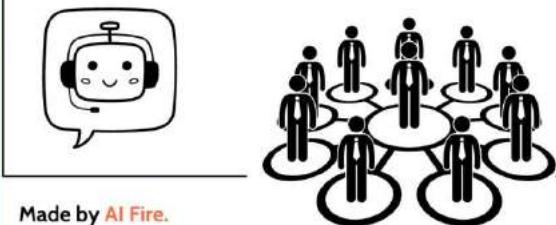
NO	NAME	FEATURES
1	GPTZero 	GPTZero has been significantly improved. It is now highly accurate, easy to use, and comes with a Chrome extension. You can use it to detect a wide range of AI-generated text, including text from the latest models like Bard (Palm 2), ChatGPT, GPT-4, and other open-source models. It is also fast and highlights the generated text for easy identification.
2	OpenAI AI Text Classifier 	OpenAI's AI Text Classifier is highly accurate, but it does not provide additional information about the content. I use it daily to maintain quality assurance, and I am satisfied with the results. It works for New Bard, ChatGPT, GPT-4, and other LLaMA-based models.
3	CopyLeaks 	CopyLeaks is a fast, accurate plagiarism checker that comes with a simple Chrome extension. You can even hover over highlighted text to check the popularity of AI. It can detect Bard, ChatGPT, GPT-4, and other large language models (LLMs).
4	SciSpace 	The SciSpace Academic AI Detector is a bit different from the other tools I've mentioned. It is highly accurate, but it was specifically designed to detect scholarly content in PDFs. There is no copy and paste option at the moment, but the tech team is working on adding that feature. You can upload any type of academic work as a PDF, and SciSpace will generate results.
5	Hive Moderation 	Hive Moderation's AI Generative Content Detection occasionally misidentifies human-generated content as AI. To ensure reliable results, it is advisable to have a backup tool when using it as the primary resource. The AI Generative Content Detection provides results accompanied by probability percentages and segments. Furthermore, it offers the capability to detect AI-generated images from platforms such as DALL-E, Midjourney, and Stable Diffusion.
6	Content at Scale 	Content at Scale's AI Content Detector is simple to use and produces fairly accurate reports on predictability, probability, and pattern. It works with all kinds of latest large language models (LLMs) and highlights content based on the variable probability of AI-generated work.
7	Hello Simple AI 	The ChatGPT Detector by Hello Simple AI is a free, open-source tool that can be used to detect text generated by ChatGPT. It is hosted on Hugging Face Spaces and provides fast and fairly accurate results. The detector is not as accurate as the OpenAI classifier, but it does provide two metrics (GLTR and PPL probability) that can help you determine if the content is generated by AI or not.
8	OpenAI HF Detector 	The OpenAI Detector is a free, open-source tool that can be used to detect text generated by OpenAI's GPT language model. It is hosted on Hugging Face Spaces and provides fast results. However, the detector can be highly inaccurate, especially when it comes to detecting newer versions of OpenAI's models and other open-source large language models.
9	Corrector.app 	Corrector.app's AI Detector is a fairly accurate tool that can be used to detect text generated by ChatGPT, Bard, and other older versions of large language models (LLMs). However, it is not able to detect newer versions of LLMs. This is because the AI Detector works by analyzing the syntax and semantics of the text, and newer LLMs are better at generating text that is indistinguishable from human-written text.
10	Writer.com 	Writer.com's AI Content Detector concludes our list, presenting itself as the least accurate option with a character limitation of 1500. It serves as a fallback solution when other tools are unavailable or ineffective.

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23. 50 Key Networking Prompts with ChatGPT

- | | |
|--|---|
| <p>1. How should I approach networking with individuals outside of my professional field?</p> <p>2. How can I turn a one-time meeting into a networking opportunity?</p> <p>3. What are some creative ways to network?</p> <p>4. How can I maintain a networking relationship without being annoying?</p> <p>5. What are the benefits of networking outside of my industry?</p> <p>6. How can I make the most of networking opportunities at trade shows?</p> <p>7. How can I use networking to find a business partner?</p> <p>8. What are some ways to maintain networking relationships remotely?</p> <p>9. How do I navigate a networking conversation if I'm between jobs?</p> <p>10. How can I network effectively within my own company?</p> <p>11. How should I approach networking as a student?</p> <p>12. How can I ensure a mutually beneficial relationship with my contacts?</p> <p>13. What are some ways to ask for a professional recommendation?</p> <p>14. How can I use networking to advance in my current job?</p> <p>15. What's the best way to network with potential clients or customers?</p> <p>16. How do I pivot a casual conversation towards professional networking?</p> <p>17. How can I get the most out of alumni networking events?</p> <p>18. How can I use networking to benefit my startup?</p> <p>19. How can I make the most of "speed networking" events?</p> <p>20. How can I build a diverse network of contacts?</p> <p>21. What are some networking etiquette tips I should know?</p> <p>22. How can I use networking to find job opportunities?</p> <p>23. What's the best way to handle a networking event if I don't know anyone?</p> <p>24. How do I network effectively when I'm introverted?</p> <p>25. What's the most effective way to use business cards in networking?</p> | <p>26. How can I make networking less intimidating or awkward?</p> <p>27. How can I leverage social media for networking?</p> <p>28. What's the best way to introduce myself at networking events?</p> <p>29. What are some strategies for networking in a new city?</p> <p>30. How can I navigate cultural differences in networking?</p> <p>31. Can you provide some tips for building a network from scratch?</p> <p>32. How should I manage my time at networking events?</p> <p>33. How do I establish rapport quickly in networking situations?</p> <p>34. How can I make myself more memorable in networking scenarios?</p> <p>35. What are effective strategies for networking at conferences?</p> <p>36. What are some ways to network with individuals in higher positions?</p> <p>37. How can I keep a conversation going during a networking event?</p> <p>38. Can you suggest ways to handle rejection or indifference when networking?</p> <p>39. How can I use networking to change careers or industries?</p> <p>40. How can I maintain my professional network over time?</p> <p>41. What's the best way to ask someone to be my mentor?</p> <p>42. Can you provide tips for networking on LinkedIn specifically?</p> <p>43. How can I network effectively online?</p> <p>44. What are some common networking mistakes and how can I avoid them?</p> <p>45. Can you give me examples of open-ended questions for networking?</p> <p>46. How can I make a lasting impression when networking?</p> <p>47. What's the best way to follow up after a networking event?</p> <p>48. What are some good ice-breakers for networking events?</p> <p>49. How can I improve my elevator pitch?</p> <p>50. What are some tips for effective networking?</p> |
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24. Machine Learning ChatGPT Cheat Sheet



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Learning resources.



Machine Learning with ChatGPT

With ChatGPT, building a machine learning project has never been easier. By simply writing follow-up prompts and analyzing the results, you can quickly and easily train the model to respond to user queries and provide helpful insights.

PROJECT PLANNING	FEATURE ENGINEERING	DATA PREPROCESSING
<p>KEYWORD METHODOLOGY</p> <ul style="list-style-type: none">Write a short summary of your machine learning project idea using the following keywords: 'predict customer churn', 'cosmetic data', 'logistic regression', 'accuracy and recall'. Please do not restate any part of this instruction in your summary.Follow-up Prompt: Please return suggested responses that are about how you could change or improve your summary <p>DATA DESCRIPTION METHODOLOGY</p> <ul style="list-style-type: none">I have a cosmetic dataset consisting of 10,000 rows and 16 columns: [List of Column Names]. Can you list the steps I have to follow to develop an end-to-end customer classification project.	<p>GENERAL METHOD</p> <ul style="list-style-type: none">Write a Python code to perform feature engineering <p>FEATURE ENGINEERING WITH COLUMNS</p> <ul style="list-style-type: none">Write a Python code for feature engineering using [product_name', 'ingredients', 'price', 'allergens', 'positive_reviews', 'positive_reviews'] columns. Please add only feature engineering part.	<p>GENERAL</p> <ul style="list-style-type: none">Write a Python code to clean and preprocess the cosmetic dataset <p>DATA CLEANING</p> <ul style="list-style-type: none">Write a Python code to handle missing values and handling any outliers or anomalies in the data. <p>PREPROCESSING</p> <ul style="list-style-type: none">Write the Python code to convert categorical variables into numeric variables and scale/normalize the data. <p>CLASS IMBALANCE ISSUE</p> <ul style="list-style-type: none">Please address the class imbalance issue by either oversampling the minority class or undersampling the majority class.
MODEL SELECTION	HYPERTPARAMETER TUNING	EXPERIMENT TRACKING
<p>GENERAL</p> <ul style="list-style-type: none">Write a Python code for model selection. Please include decision trees, random forests, logistic regression, or support vector machines (SVM). <p>TRAINING AND TESTING SETS</p> <ul style="list-style-type: none">Write a follow-up Python code to split the dataset into training and testing sets. <p>EVALUATION METRIC</p> <ul style="list-style-type: none">Try using Accuracy, F1 Score, and AUC score for model evolution in model selection section.	<p>MODEL EVALUATION</p> <ul style="list-style-type: none">Please write a Python code to perform model evaluation for a logistic regression model. In order to ensure that the model is not overfitting to the training data, please use cross-validation. Use accuracy, precision, recall, and F1 score as evaluation metrics. <p>HYPERTPARAMETER TUNING</p> <ul style="list-style-type: none">Can you modify the above code to include hyperparameter tuning and save the best-performing model? <p>BAYESIAN OPTIMIZATION</p> <ul style="list-style-type: none">Can you write a Python code to tune hyperparameters using Bayesian optimization?	<p>SUGGESTION</p> <ul style="list-style-type: none">Can you suggest some popular tools for experiment tracking in machine learning projects? <p>EXPERIMENT TRACKING WITH MLFLOW</p> <ul style="list-style-type: none">Can you write a Python code using MLflow for experiment tracking with logistic regression? The code should include setting up the experiment, defining hyperparameters, training the model, logging metrics, and saving the trained model to MLflow. Make sure to also end the MLflow run properly after the experiment. <p>TRACKING CODE, MODEL, AND DATASET</p> <ul style="list-style-type: none">Explain how to use DVC to track code, model, and dataset in a machine learning project. Provide a step-by-step guide, including how to add data to DVC, how to create a Python script for training a model and tracking experiments using MLflow, and how to commit changes to Git.
MLOPS	MLOPS	
<p>STREAMLIT APP</p> <ul style="list-style-type: none">Explain how to create a Streamlit web app for a customer classifier in Python. In addition, provide a sample code that loads a saved model and feature scaler and makes predictions based on user input. <p>MODEL DEPLOYMENT ON SPACES</p> <ul style="list-style-type: none">Explain how to deploy a Streamlit app to Hugging Face space without creating a Docker file. List the necessary steps, including creating a requirements.txt file and a runtime.txt file, logging into your Hugging Face space account, and using the Hugging Face CLI to create and deploy your app.	<p>MODEL MONITORING</p> <ul style="list-style-type: none">Explain how to monitor a model on a Hugging Face Streamlit app. Discuss the importance of monitoring model performance and usage, and describe the tools and techniques available for monitoring. <p>AUTOMATION</p> <ul style="list-style-type: none">Can you provide a detailed guide on creating a Continuous Integration and Delivery (CI/CD) Pipeline using Python to regularly update the model on Hugging Face with the latest dataset? Please include steps for automating data cleaning, preprocessing, model training, and deployment.	<p>Made by AI Fire. Find the high-quality version at AIFIRE.CO</p>

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25. Data Science Interview ChatGPT Cheat Sheet



PRODUCT SENSE AND BUSINESS APPLICATIONS		MODEL DEVELOPMENT
SELECTING THE METRIC How do I measure the impact of a search toolbar change, which metric would you use?		TRAIN REGRESSION MODEL <ul style="list-style-type: none">You are a data scientist, write Python code for me. I have a dataset with columns [model, hp, speed]. Please build a machine learning model that predicts speed.
PRODUCT EVALUATION <ul style="list-style-type: none">Can you help me evaluate the performance of the AI chatbot for customer service?		HYPERPARAMETER TUNING <ul style="list-style-type: none">I have a logistic regression model, write Python code to tune hyperparameters.
BUSINESS APPLICATION <ul style="list-style-type: none">How do I use my data science skills to create a fraud detection application?		IMBALANCE DATA <ul style="list-style-type: none">I have an imbalanced dataset with target column species. In python, how do I oversample and/or undersample my data?
CHURN RATE <ul style="list-style-type: none">Explain to me the process of predicting churn rate.		EXPLAIN THE MODEL <ul style="list-style-type: none">I have trained a LightGBM model. Write a Python code to explain the output using a series of plots with Shap
PRODUCT ANALYST <ul style="list-style-type: none">How do I answer: What are your strongest skills as a product analyst?		
STATISTICS AND PROBABILITY		FAANG QUESTIONS
SELECTION BIAS <ul style="list-style-type: none">What is selection bias and how do I identify and mitigate it?		GENERAL <ul style="list-style-type: none">Act as a data scientist at Google AI and tell me what skills, experiences, and qualities are required to secure the position.
NULL HYPOTHESIS <ul style="list-style-type: none">Act as a data science tutor and explain a null hypothesis with multiple examples.		HYPOTHESIS TESTING <ul style="list-style-type: none">Act as a professional data scientist and help me prove that males on average taller than females by knowing just gender height using hypothesis testing.
Z & T SCORE <ul style="list-style-type: none">Can you explain the difference between a Z-score and a T-score? Keep the explanation beginner-level.		ALGORITHMS <ul style="list-style-type: none">Describe decision trees, SVMs, and random forests. Talk about their advantage and disadvantages.
PROBABILITY <ul style="list-style-type: none">With the help of math can you help me solve the problem: How many cards would you expect to draw from a standard deck of cards before seeing your first queen?		ACTIVATION FUNCTION <ul style="list-style-type: none">Explain why Rectified Linear Unit has a good activation function to a Project Manager.
DATA MANAGEMENT		MISSING VALUES <ul style="list-style-type: none">How do I handle NULLs when querying a data set? List all of the methods.
DATA MANAGEMENT INTERVIEW SESSION How do I prepare for the Data Management interview session for Data Scientist position? Also add samples questions.		Made by AIFire . Find the high-quality version at AIFire.co
DATA MANAGEMENT TOOLS Help me answer this question for the data scientist interview session: What technology and tools do you use for data management?		
SQL QUERY Help me write most efficient SQL query to find duplicate records in a table.		
AGGREGATE FUNCTION Act as a Data Science tutor and explain what is an SQL aggregate function? Give some examples.		
PROGRAMMING		DATA ANALYSIS
CODING INTERVIEW SESSION <ul style="list-style-type: none">How do I prepare for the Coding interview session for Data Scientist position?		EXPLAINING THE CONCEPTS <ul style="list-style-type: none">How do I explain technical concepts to a non-technical audience?
STEMMING CODING PROBLEM <ul style="list-style-type: none">Can you solve this coding problem using Python: Given a dictionary consisting of many roots and a sentence, stem all the words in the sentence with the root forming it.		DATA CLEANING <ul style="list-style-type: none">I have a text classification dataset. Write Python code for data cleaning.
PRODUCTION-READY CODE <ul style="list-style-type: none">How do I write production-ready code? List all of the things I have to do.		DATA EXPLORATION <ul style="list-style-type: none">I want you to act as a data scientist and code for me. I have a dataset of 100 rows and four columns:[id, name, grade, subject]. Write R code for data visualization and exploration.
PYTHON LIST <ul style="list-style-type: none">You are a Software engineer, and your task is to write a Python program to check if the value exists in the list or not using the lambda function.		

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26. Data Science Interview ChatGPT Cheat Sheet



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TOP 10 CHATGPT PLUGINS FOR DATA SCIENCE



Bing



Webpilot



ScholarAI



Wolfram



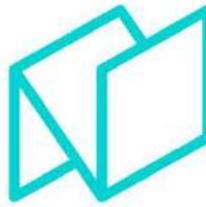
Code Interpreter



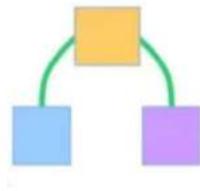
ChatWithGit



Link Reader



Noteable



Show Me



Zapier

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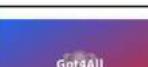
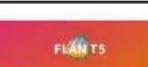
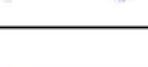
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27. Top 10 Open-Source LLMs Alternative to ChatGPT and Bard



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TOP 10 OPEN-SOURCE LLMs ALTERNATIVE TO CHATGPT AND BARD

NAME	FEATURES	RESOURCES
LLaMA 	The LLaMA project encompasses a set of foundational language models that vary in size from 7 billion to 65 billion parameters. These models were trained on millions of tokens, and it was training on publicly available datasets exclusively. As a result, LLaMA-13B outperforms GPT-3 (175B), and LLaMA-65B is performing similarly to the best models like Chinchilla-70B and PaLM-540B.	<ul style="list-style-type: none"> • Research Paper: LLaMA: Open and Efficient Foundation Language Models (arxiv.org) • GitHub: facebookresearch/llama • Demo: Baize Lora 7B
Alpaca 	Stanford Alpaca claims that it can compete with ChatGPT and anyone can reproduce it in less than 600\$. The Alpaca 7B is finetuned from the LLaMA 7B model on 52K instruction-following demonstrations.	<ul style="list-style-type: none"> • Blog: Stanford CRFM • GitHub: tatsu-lab/stanford_alpaca • Demo: Alpaca-LoRA (The official demo was drop and this is a recreation of Alpaca model)
Vicuna 	Vicuna is finetuned from the LLaMA model on user-shared conversations collected from ShareGPT . The model Vicuna-13B has achieved more than 90%* quality of OpenAI ChatGPT and Google Bard. It has also outperformed LLaMA and Stanford Alpaca models in 90% of cases. The cost of training Vicuna was around 300\$.	<ul style="list-style-type: none"> • Blog post: Vicuna: An Open-Source Chatbot Impressing GPT-4 with 90%+ ChatGPT Quality • GitHub: lm-sys/FastChat • Demo: FastChat (lm-sys.org)
OpenChatKit 	OpenChatKit : Open-Source ChatGPT Alternative is a complete tools kit for creating your chatbot. It provides instruction for training your own instruction-tuned large language model, fine-tuning the model, extensible retrieval system for updating the bot response, and bot moderation for filtering out questions. Resources: As we can see, the GPT-NeoXT-Chat-Base-20B model has outperformed base mode GPT-NeoX on question and answer, extraction, and classification tasks.	<ul style="list-style-type: none"> • Blog Post: Announcing OpenChatKit – TOGETHER • GitHub: togethercomputer/OpenChatKit • Demo: OpenChatKit • Model card: togethercomputer/GPT-NeoXT-Chat-Base-20B
GPT4ALL 	GPT4ALL is a community-driven project and was trained on a massive curated corpus of assistant interactions, including code, stories, depictions, and multi-turn dialogue. The team has provided datasets, model weights, data curation process, and training code to promote open-source. Furthermore, they have released quantized 4-bit versions of the model that can run on your laptop. You can even use a Python client to run the model inference.	<ul style="list-style-type: none"> • Technical Report: GPT4All • GitHub: nomic-ai/gpt4all • Demo: GPT4All (non-official) • Model card: nomic-ai/gpt4all-lora - Hugging Face
Raven RWKV 	Raven RWKV 7B is an open-source chatbot that is powered by the RWKV language model that produces similar results to ChatGPT. The model uses RNNs that can match transformers in quality and scaling while being faster and saving VRAM. The Raven was fine-tuned on Stanford Alpaca, code-alpaca, and more datasets.	<ul style="list-style-type: none"> • GitHub: BlinkDL/ChatRWKV • Demo: Raven RWKV 7B • Model card: BlinkDL/rwkv-4-raven
OPT 	OPT : Open Pre-trained Transformer Language Models is not great as ChatGPT, but it has shown remarkable capabilities for zero- and few-shot learning and Stereotypical Bias analysis. You can also integrate it with Alp, Colossal-AI, CTranslate2, and FasterTransformer to get even better results. Note: It is on the list because of its popularity, as it has 624,710 monthly downloads in the text generation category.	<ul style="list-style-type: none"> • Research Paper: OPT: Open Pre-trained Transformer Language Models (arxiv.org) • GitHub: facebookresearch/metaseq • Demo: A Watermark for LLMs • Model card: facebook/opt-1.3b
Flan-T5-XXL 	Flan-T5-XXL fine-tuned T5 models on a collection of datasets phrased as instructions. The instruction fine-tuning dramatically improves performance on a variety of model classes such as PaLM, T5, and U-PaLM. The Flan-T5-XXL model is fine-tuned on more than 1000 additional tasks covering also more languages.	<ul style="list-style-type: none"> • Research Paper: Scaling Instruction-Fine Tuned Language Models • GitHub: google-research/t5x • Demo: Chat Lm Streaming • Model card: google/flan-t5-xxl
Falcon-40B 	Falcon is an open-source language model by the Technology Innovation Institute (TII), UAE, that has trumped other models like LLaMA, StableLM, MPT, and more. Licensed under Apache 2.0, it allows unrestricted commercial use. Released in two versions - Falcon-40B and Falcon-7B - this model caters to diverse use cases, with Falcon-40B-Instruct recommended for chat applications. Trained primarily in English, German, Spanish, and French, Falcon also supports several other languages. If open-source AI is your pursuit, consider exploring Falcon.	<ul style="list-style-type: none"> • Demo: Falcon-Chat demo
Guanaco-65b 	Guanaco-65B, a derivation of the LLaMA models, has proven itself as a top-notch open-source language model, closely following the Falcon model. In various assessments, it has scored nearly as high as Falcon. Available in 7B, 13B, 33B, and 65B versions; each fine-tuned on the OASST1 dataset. Guanaco has shown promising results. A unique technique called QLoRA was used for fine-tuning, balancing memory usage and performance. The 65B model, which even outperformed ChatGPT in the Vicuna benchmark, impressively trained on a single 48GB VRAM GPU in just 24 hours, showcasing the progress of open-source models in reducing costs and maintaining quality. Guanaco models are an excellent option for those exploring offline, local large language models.	<ul style="list-style-type: none"> • Demo: timdettmers/guanaco-65b-merged

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28. Top 10 AI Chrome Extensions for Data Scientists



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TOP
10

AI CHROME EXTENSIONS FOR DATA SCIENTISTS



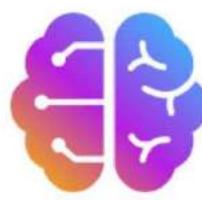
Fireflies



AIPRM



Codeium



Sider



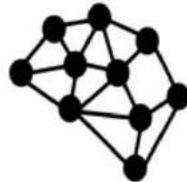
CatalyzeX



SpiSpace
Copilot



Originality.AI



CodeSquire.ai



Data Scraper



Grammarly GO

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29. 50 ChatGPT Copywriting Frameworks You Must Know



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COPYWRITING FRAMEWORKS YOU MUST KNOW



1. AIDA: Attention, Interest, Desire, Action
2. PAS: Problem, Agitation, Solution
3. 4Ps: Promise, Picture, Proof, Push
4. Features and Benefits
5. Before-After-Bridge
6. Problem-Agitate-Solve
7. FAB: Features, Advantages, Benefits
8. Problem-Solution
9. The 5Ws and 1H: Who, What, Where, When, Why, How
10. The Power of Three
11. The Rule of Seven
12. Attention-Interest-Desire-Conviction-Action
13. 4U: Urgent, Unique, Useful, Ultra-specific
14. The Storytelling Framework
15. The OATH Framework: Offer, Aspiration, Transformation, Hook
16. SCAMPER: Substitute, Combine, Adapt, Modify, Put to another use, Eliminate, Reverse
17. The Inverted Pyramid
18. The Before-During-After Framework
19. The CUBA Formula: Curiosity, Understanding, Benefits, Action
20. The Problem-Agitation-Claim Framework
21. The PSR Framework: Problem, Solution, Result
22. The Reverse Testimonial Framework
23. The FOMO (Fear of Missing Out) Framework
24. The So-What Framework
25. The APP Framework: Attention, Problem, Proposition
26. The RACI Framework: Responsible, Accountable, Consulted, Informed
27. The 3C Framework: Clear, Concise, Compelling
28. The MECLABS Framework: Motivation, Expectation, Clarity, Likelihood, Value
29. The PPPP Framework: Picture, Promise, Prove, Push
30. The 4U2 Framework: Urgent, Unique, Useful, Ultra-specific
31. The 5Cs Framework: Clear, Concise, Compelling, Credible, Customer-centric
32. The PASTOR Framework: Problem, Amplify, Story, Testimonials, Offer, Response
33. The SPIN Framework: Situation, Problem, Implication, Need-Payoff
34. The FUD Framework: Fear, Uncertainty, Doubt
35. The DCO Framework: Define, Categorize, Optimize
36. The PESO Framework: Paid, Earned, Shared, Owned
37. The 5S Framework: Short, Simple, Specific, Surprising, Storytelling
38. The PPP Framework: Picture, Promise, Proof
39. The PEPP Framework: Promise, Explanation, Proof, Push
40. The 5Ps Framework: Promise, Picture, Proof, Persuasion, Push
41. The S3 Framework: Surprise, Story, Significance
42. The 5P Framework: Promise, Picture, Proof, Push, Postscript
43. The VALUE Framework: Verify, Amplify, Link, Understand, Evaluate
44. The ABT Framework: And, But, Therefore
45. The 3M Framework: Meaningful, Memorable, Motivating
46. The 4C Framework: Clear, Concise, Compelling, CTA
47. The EIE Framework: Engage, Inform, Entertain
48. The 4Fs Framework: Feel, Felt, Found, Future
49. The SPAM Framework: Story, Problem, Amplify, Make them care
50. The PAPA Framework: Promise, Attention, Proof, Action

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30. 100+ Prompts To Unleash Full ChatGPT Potential



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CONTENT CREATION	SPREADSHEET	FOREIGN LANGUAGE
<p>Blog Generation: Give me ideas for [type of content] about [subject], covering topics like [topic1, topic2, ...].</p> <ul style="list-style-type: none"> Give me ideas for a blog post about writing covering topics like writing tools and writer's block. Give me ideas for a podcast about technology covering topics like AI and machine learning. Give me ideas for a YouTube video about best books to read covering only self-help books. <p>Outline: Create an outline for [type of content].</p> <ul style="list-style-type: none"> Create an outline for a blog post about productivity. Create an outline for a book: "How to learn a foreign language in 3 months". Create an outline for a course: "How to learn Python for data science". <p>Course Quiz: Turn a [list] into type of quiz!</p> <ul style="list-style-type: none"> Turn a list of facts about world history into a multiple-choice quiz. Turn a list of facts about biology into true/false quiz. <p>Thumbnail: Act as a prompt generator for Midjourney's AI. Your job is to describe [object] as concisely as possible. Always give 3 different and contrasting versions of a [object], and include any random artist name prefaced by "in the style of"</p> <p>Giveaway: Choose X random contest winner(s) from a long list of names or emails: [insert names or emails]</p>	<p>Formula Generation (Excel): Create a formula to [insert] in cell range of [cells]</p> <ul style="list-style-type: none"> Create a formula to calculate the sum in cells A1 to A10 Create a formula to calculate the average in cells H10 to H20 Create a formula that sums only the expenses that have the status "No" in column C <p>Explain formula: Explain the meaning of the formula [formula]</p> <ul style="list-style-type: none"> Explain the meaning of the formula <code>=SUM(A1:A10)</code> Explain the meaning of the formula <code>AVERAGE(H10:H20)</code> Explain the meaning of the formula <code>=SUMIF(C1:C10,"No", B1:B13)</code> <p>Advanced Formulas, Macros and VBA: I have a table with phone numbers in column A that have the format: (xx) xxx-xxxx. Extract the numbers within parentheses using Excel</p> <ul style="list-style-type: none"> Create a macro that calculates the average of cells B1 to B10 and inserts the result in cell C1 Create a macro that sorts sheets by tab name using VBA. <p>Google Sheets: Create formula to [insert] in cell range of [cells]</p> <ul style="list-style-type: none"> Create a formula in Google Sheets to calculate the sum in cells A1 to A10 Create a formula in Google Sheets that puts data from one sheet into the current sheet Explain this Google Sheet command: [insert command] 	<p>Ask question: What's the difference between [word1] and [word2] in [language]? Provide X examples</p> <ul style="list-style-type: none"> What's the difference between par and para in Spanish? Provide 2 examples What's the difference between tu and voce in Portuguese? Provide 4 examples <p>Conversation: Act as a language partner. You'll start a conversation with me about [topic] in [language]. In every response, you should provide your opinion and then ask me a question to keep the conversation going.</p> <p>Write essay in any field: Write a [level] type of essay in [language] about [topic]. It must be X words long.</p> <ul style="list-style-type: none"> Write a B1 report in English about pollution. It must be 500 words long. Write a A2 letter in Spanish about your financial situation. It must be 300 words long. Write a C1 review in Portuguese about a tech product. It must be 500 words long. <p>Vocabulary: Create a table of difficult words from the previous essay and translate them into [language]</p> <p>Phonetic: Create a table with 2 columns: in the first column type the [language] words: [word1, word2, ...]. In the second column, you should provide the phonetic transcription.</p>
PROGRAMMING		DATA SCIENCE
<p>Coding Questions: How to [action] in [programming language]?</p> <ul style="list-style-type: none"> How to merge dictionaries in Python? How to convert objects to JSON in Python? What's the difference between [concept1] and [concept2] in [language]? What's the difference between lists and dictionaries in Python? What's the difference between OOP and functional programming? Explain the [concept] in [language] Explain the while loop in Python Explain the try/except in Python to a child <p>Advice: I want to learn [language] for [field]. Create a roadmap to learn [language]</p> <ul style="list-style-type: none"> I want to learn Python for data science. Create a roadmap to learn Python I want to learn JavaScript for web development. Create a roadmap to learn it I want to automate [task]. Provide steps to swipe right with Python I want to automate Gmail. Provide steps to sending emails with Python I want to automate Tinder. Provide steps to swipe right with Python <p>Simulate a job interview for a [position] by asking and answering questions as if you are a potential employer and I'm the candidate. Consider that [identical]</p> <p>Web Development: I want to build a type of website! Can you generate some HTML for my website?</p> <ul style="list-style-type: none"> I want to build a job board website. Can you generate some HTML for my website? I want to build a price comparison website. Can you generate some HTML for my website? <p>Additional steps: Can you center the content in the HTML page, add a line break between the inputs and add an image on a logo?</p> <ul style="list-style-type: none"> Add CSS to customize the size of the logo image <p>Automation: Send the message "Type message" on WhatsApp using Python and pywhatkit</p> <ul style="list-style-type: none"> Send an email from [email_1] to [email_2] with the subject [email subject] and the content [email content] using Python Use Python to rename all the [file extension] files in my directory. Add the word [word] to each name 		<p>Data Science Questions: Where can I find data for my [descriptive project]?</p> <ul style="list-style-type: none"> Where can I find data for my credit card fraud detection project? Where can I find data for my customer churn prediction project? How to [action] my dataset? How to oversample/undersample my dataset? How to split my dataset into train and test sets with Python? <p>Best practices: Can you [best practice] my code?</p> <ul style="list-style-type: none"> Can you optimize the following Python code? Can you simplify the following R code? Can you document my code? Can you check for readability in my code? <p>Automate Data Science Tasks: Translate my Python code to R</p> <ul style="list-style-type: none"> Turn this SQL code to Python pandas code Format my SQL code by converting the reserved keywords to uppercase Create a SQL query that [describe query] Write a regex in Python that [describe regex] <p>Data Science Workflows: Web scraping [website] looking for a few subsections</p> <ul style="list-style-type: none"> Web scrape [website] using [language] and [library] <p>Generate data: Act as a fake data generator. Create a dataset that has X rows and Y columns: [column1], [column2], ...</p> <ul style="list-style-type: none"> From [dataset name] I have a dataset of [describe dataset], build a machine learning model that predicts [target variable] Turn Hyperparameters I've trained a [model name]. Write code to tune the hyperparameters Feature Importance I've trained a [model name]. Write code to find the most important features in the model
WRITING	CREATIVITY	ACADEMIC LIFE
<p>Blog Posts/Essays/Articles: Write a [position] [type of content] on [topic]. Explain why [topic1, topic2, ...].</p> <ul style="list-style-type: none"> Write a friendly blog post on why people should lose weight. Explain why obesity is a problem, how people can lose weight, and why being healthy is important. Write a humorous essay on how not to prepare for an exam. <p>Writing Assistant: Can you [action] my text [objective]?</p> <ul style="list-style-type: none"> Can you make my paragraph less formal? Can you make my sentence easier to read? Can you complete my sentence? [insert sentence] Can you continue my paragraph? [insert paragraph] <p>Copywriting: Write a [type of content] for [subject] showcasing the [benefit, benefit, ...].</p> <ul style="list-style-type: none"> Write a social media ad for a productivity tool showcasing its simplicity and design. Create a sales copy for a travel agency showcasing the price, destinations and commitment. <p>Email: Reply to this email. [insert email] the [subject] and say [this].</p> <ul style="list-style-type: none"> Reply to this email. Be polite and say that I accept the offer if... Reply to this email. Be friendly and say that I don't have time for the meeting. <p>Social Media: Create a [type of content] for [platform]. [insert]</p> <ul style="list-style-type: none"> Create 5 hashtags and a caption for a picture on Instagram of a cute cat achievements. Create 2 bios for LinkedIn highlighting my work achievements 	<p>Entertainment: Create X [item] considering [constraint]</p> <ul style="list-style-type: none"> Create 5 jokes considering words like knowledge and money Create 5 pickup lines considering that you're a doctor <p>Planning: Create a X-day type of plan for [editing]</p> <ul style="list-style-type: none"> Create a 7-day tip for your anniversary in September Create a 30-day workout for my arms and abs with no gym equipment <p>Gift Ideas: Provide X gift ideas for [type of person]</p> <ul style="list-style-type: none"> Provide 3 gift ideas for clients of a travel agency Provide 4 gift ideas for business partners in a healthcare company Provide 5 gift ideas under \$100 for a teenager who loves football <p>Act as: Act as a [type of person] that is [behavioral]. [Action]</p> <ul style="list-style-type: none"> Act as a customer support assistant that is empathetic and polite. Now answer this email Act as a salesperson that is very persistent. Imagine we're on a phone call and try to sell a pen to me Act as my personal chef. I'll tell you about my dietary preferences and allergies, and you'll suggest recipes for me to try. Act as a film critic. You'll review a movie and provide both positive and negative feedback about the plot, direction and music. 	<p>Improve Your Work: Provide X ways to improve [subject]</p> <ul style="list-style-type: none"> Provide 3 ways to improve my resume summary: [insert text] Provide 2 ways to improve my essay: [insert essay] Provide 5 ways to improve the title of my article: [insert title] <p>Step-by-step Guide: Provide step-by-step instructions on how to [subject]</p> <ul style="list-style-type: none"> Provide step-by-step instructions on how to increase my vocabulary Provide step-by-step instructions on how to prepare for a job interview Provide step-by-step instructions on how to become a software engineer <p>Summarization: Can you summarize [book]?</p> <ul style="list-style-type: none"> Can you summarize The Little Prince? Can you summarize World War II in 400 words? Can you summarize this article? [insert text] <p>Generate Name: Suggest a [type of name] for my [project] using the words [words, words, ...]</p> <ul style="list-style-type: none"> Suggest funny names for my college team using the words funny and brain Suggest a catchy name for my website using the words artificial and age Suggest a simple name for my startup using the word cloud

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31. ChatGPT Developer Cheat Sheet



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ChatGPT Developer Cheat Sheet

WRITING CODE	DOCUMENTING CODE
<ol style="list-style-type: none">1. Write a C# function to do {{ TASK }}2. Write a React component to do {{ TASK }}3. Write a Dockerfile for {{ FRAMEWORK }}4. Write a RegEx pattern for {{ REQUEST }}5. Create a C# class from this JSON object {{ JSON }} <p>EXAMPLES</p> <ul style="list-style-type: none">• Write a C# method to get items from a DB and print them. Leave TODO comments where you are unsure E.g. Data connections• For my .NET project, write a GitHub Action to check PRs. It should run the tests and lint the code	<ol style="list-style-type: none">1. Write a readme file for this project {{ DESCRIBE PROJECT }}2. Write the Mermaid code for an entity relationship diagram for these classes {{ INSERT CLASSES }}3. Write the Mermaid code for an architecture diagram for this solution {{ DESCRIBE SOLUTION }}4. Add some comments in this code {{ CODE }}5. For this {{ CODE }}, add comment for each step, explaining its purpose <p>EXAMPLES</p> <ul style="list-style-type: none">• Write instructions for running a .NET project to add to the README
DEBUGGING / TESTING	REFACTORING CODE
<ol style="list-style-type: none">1. I wrote this code {{ CODE }} I got this error {{ ERROR }} How can I fix it? or What does this error mean?2. Write a test that ensures {{ FUNCTIONALITY }} works for this component {{ CODE }}3. Write a test for this method {{ CODE }}4. I am doing exploratory testing, tell me how to break this code {{ CODE }} <p>EXAMPLES</p> <ul style="list-style-type: none">• How can I set up unit tests for a Blazor project? I want to use bUnit.• What does this error mean? System.ArgumentOutOfRangeException: Index was out of range	<ol style="list-style-type: none">1. Refactor this code into multiple methods {{ CODE }}2. How can I refactor this code for better performance? {{ CODE }}3. How can I refactor this code for better readability? {{ CODE }}4. Add a parameter to this function to do {{ FUNCTIONALITY }}{{ CODE }}5. Convert this callback-based function to use Promises {{ CODE }}6. Rewrite this JS code in C# {{ JS CODE }}7. Add a parameter to this function to do {{ CODE }} 8. Make this code use .NET 8 features {{ CODE }}
UNDERSTANDING CODE	CODE REVIEW
<ol style="list-style-type: none">1. What does this code do? {{ CODE }}2. Explain the purpose of this {{ LANGUAGE }} function {{ FUNCTION }}3. What is the difference between {{ CONCEPT }} and {{ CONCEPT }} in {{ LANGUAGE }}4. What does {{ KEYWORD, OPERATOR, ETC }} do in {{ LANGUAGE }}?5. What libraries can do {{ REQUIREMENTS }} for {{ LANGUAGE }}6. What language/framework is best for this idea? {{ IDEA }} <p>EXAMPLES</p> <ul style="list-style-type: none">• Can a Dictionary become out of order in C#?• What does "static" do in C#?• Explain the lifecycle events of Blazor components.• What is the difference between Lists and Arrays in C#?• What is a library that can render Markdown for a Blazor project?	<ol style="list-style-type: none">1. How can I improve the error handling in my {{ LANGUAGE }} code? {{ CODE }}2. Are there any opportunities for code reuse or modularization in my {{ LANGUAGE }} project? {{ CODE }}3. Can you review this code and suggest improvements? {{ CODE }}
TIPS	
<ol style="list-style-type: none">1. If you are generating lots of code and it doesn't finish, type "continue"2. Give more context, get better results3. When asking for explanations, add "keep it short and concise"4. When refactoring code, ask it to omit unchanged code to make responses easier to read	

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32. Midjourney Cheat Sheet 5.2



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Midjourney Cheat Sheet 5.2

BASIC PROMPT ANATOMY

/imagine prompt: [PREFIX] [SCENE] [SUFFIX] [Parameters]
PREFIX defines image medium & style
SCENE defines content
SUFFIX modulates Prefix & Scene
(in actual practice these categories overlap)

PERMUTATION PROMPT EXAMPLE

/imagine prompt: cinematic shot of astronaut on {horse, turtle} --c (20,80) ...gets translated into four prompts:
-> cinematic shot of astronaut on a horse --c 20
 cinematic shot of astronaut on a turtle --c 20
 cinematic shot of astronaut on a horse --c 80
 cinematic shot of astronaut on a turtle --c 80

OPTION COMMANDS

/prefer option set [NAME OF OPTION] [VALUE]
... e.g:
-> /prefer option set mycoolpreset dadaism --c 80
 ...now
 /imagine prompt: an astronaut, --mycoolpreset
 ...becomes
 /imagine prompt: an astronaut, dadaism --c 80
/prefer option set mycoolpreset
 ...deletes mycoolpreset!
/prefer option list
 ... shows presets
/prefer option remix
 ... toggles remix mode
/prefer suffix
 ... suffix to add to the end of every prompt
/prefer auto_dm
 ... automatically send DM when jobs complete
/prefer variability
 ... toggle variability mode

WEIGHTS

/imagine prompt: hot dog
 hot:: dog
 hot::2 dog

BASIC PARAMETERS

--ar [WIDTH:HEIGHT] (=aspect ratio)
--c [0-100] (=chaos, unusual results)
--q [.25|.5|1] (=quality/time spent generating the image. 1=default)
--seed [0-4294967295] (=starting point for initial grid)
--stop [10-100] (=stop at earlier percentage)
--s [0-1000] (=stylize, artistic interpretation)
--tile (=seamless patterns)
--iw [W] (=sets image weight to W)
--no [X] (=gives X a negative weight of -0.5)
--repeat [N] (=repeat prompt N-times)
--video (=create movie of image generation)

VERSION PARAMETERS

--v [1,2,3,4,5,5.1,5.2] (=model version)
--style raw (artistic fine-tuning for V5.1 & V5.2)
--style [4a, 4b, 4c] (artistic fine-tuning for V4)
--test, --testp, --creative (=test models, legacy)

NIJI PARAMETERS

--niji / --niji 5 (anime trained model)

NIJI STYLE OPTIONS

--style cute
--style expressive
--style scenic
--style original

MORE COMMANDS

/describe	
/blend	
/shorten	
/stealth & /public	(=toggle stealth mode)
/fast & /relax	(=toggle fast mode)
/info	(=show account info & queued jobs)
/settings	(=change bot settings)
/subscribe	(=change subscription plan)

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33. ChatGPT - Code Interpreter In a Nutshell



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ChatGPT - Code Interpreter

IN A NUTSHELL

ACCESS GUIDE	CAPABILITIES	CHART TYPES																																										
<ul style="list-style-type: none">Sign up for ChatGPT Plus. It costs \$20 each month.Look for three dots near your email at the corner of the ChatGPT screen, then press 'Settings'.Press 'Beta features'. Check if the 'Code Interpreter' button is turned on.Start a new chat. Choose GPT-4, then select 'Code Interpreter' from the list that drops down.'	<ul style="list-style-type: none">Visualize any data set that you uploadConduct data analysis using that dataInterpret key takeaways from the analysisExtract text from a PDFTurn images into GIFs and videosWrite any code, including changing your existing codeGenerate QR codesCreate new images like color palettesAnalyze Stock OptionsSummarize PDF docs	<table border="1"><thead><tr><th>BUBBLE</th><th>ERROR</th><th>CONTOUR</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr></tbody></table> <table border="1"><thead><tr><th>AREA</th><th>SCATTER</th><th>KDE</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr></tbody></table> <table border="1"><thead><tr><th>BOX</th><th>HISTOGRAM</th><th>BAR</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr></tbody></table> <table border="1"><thead><tr><th>LINE</th><th>3D</th><th>JOINT</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr></tbody></table> <table border="1"><thead><tr><th>SURFACE</th><th>POLAR</th><th>PIE</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr></tbody></table> <table border="1"><thead><tr><th>CAT</th><th>PAIR</th><th>STRIP</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr></tbody></table> <table border="1"><thead><tr><th>SWARM</th><th>HEATMAP</th><th>HEXBIN</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr></tbody></table>	BUBBLE	ERROR	CONTOUR				AREA	SCATTER	KDE				BOX	HISTOGRAM	BAR				LINE	3D	JOINT				SURFACE	POLAR	PIE				CAT	PAIR	STRIP				SWARM	HEATMAP	HEXBIN			
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SWARM	HEATMAP	HEXBIN																																										
YOUR FIRST ANALYSIS <ul style="list-style-type: none">Step 1: Take any Excel or CSV file with data and upload to Code Interpreter.Step 2: Start by asking it for basic visualizations: Prompt: "Use the file I uploaded and do basic analysis."Step 3: Ask for a list of trends you could pull from the data: Prompt: "Give me 10 ideas of trends, visualizations and analyses I could perform with this data."Step 4: Have it actually do all of these! Prompt: "Great. Do all of these."Step 5: Ask it for insights and takeaways. Prompt: "What are some notable insights and takeaways from this set of data?"	EXTRA TIPS <ul style="list-style-type: none">Upload a PDF and ask it to extract all the text Prompt: "Extract all the text from this PDF."Animate an image Prompt: "I've uploaded an image. Turn it into a 5-second GIF that slowly zooms out."Ask for hypotheses Prompt: "Take a look at this data. What are some hypotheses about trends that you think would be interesting to explore?"Cluster data Prompt: "Here's a file with customer data. Group these customers into clusters that help me understand their personas and purchase behaviors."																																											
YOUR FIRST GIF TO VIDEO <ul style="list-style-type: none">Step 1: Prompt "I'll upload a gif and you give 10s mp4 with a dramatic slow zoom-in. Okay?"Step 2: Upload your desired gifStep 3: Enjoy your video																																												

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