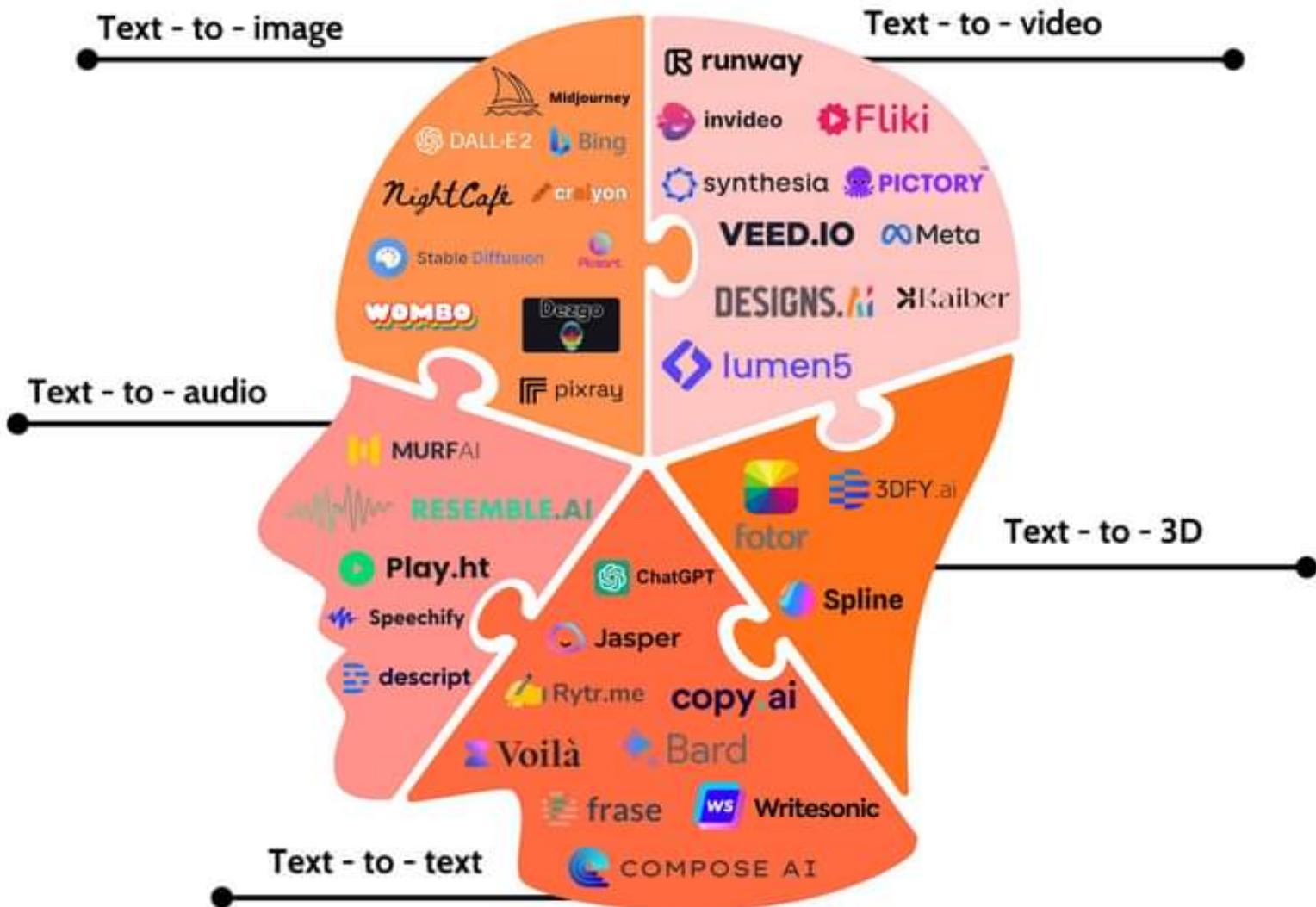




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TOP MIND-BLOWING TEXT-TO-MEDIA CONVERSION TOOLS



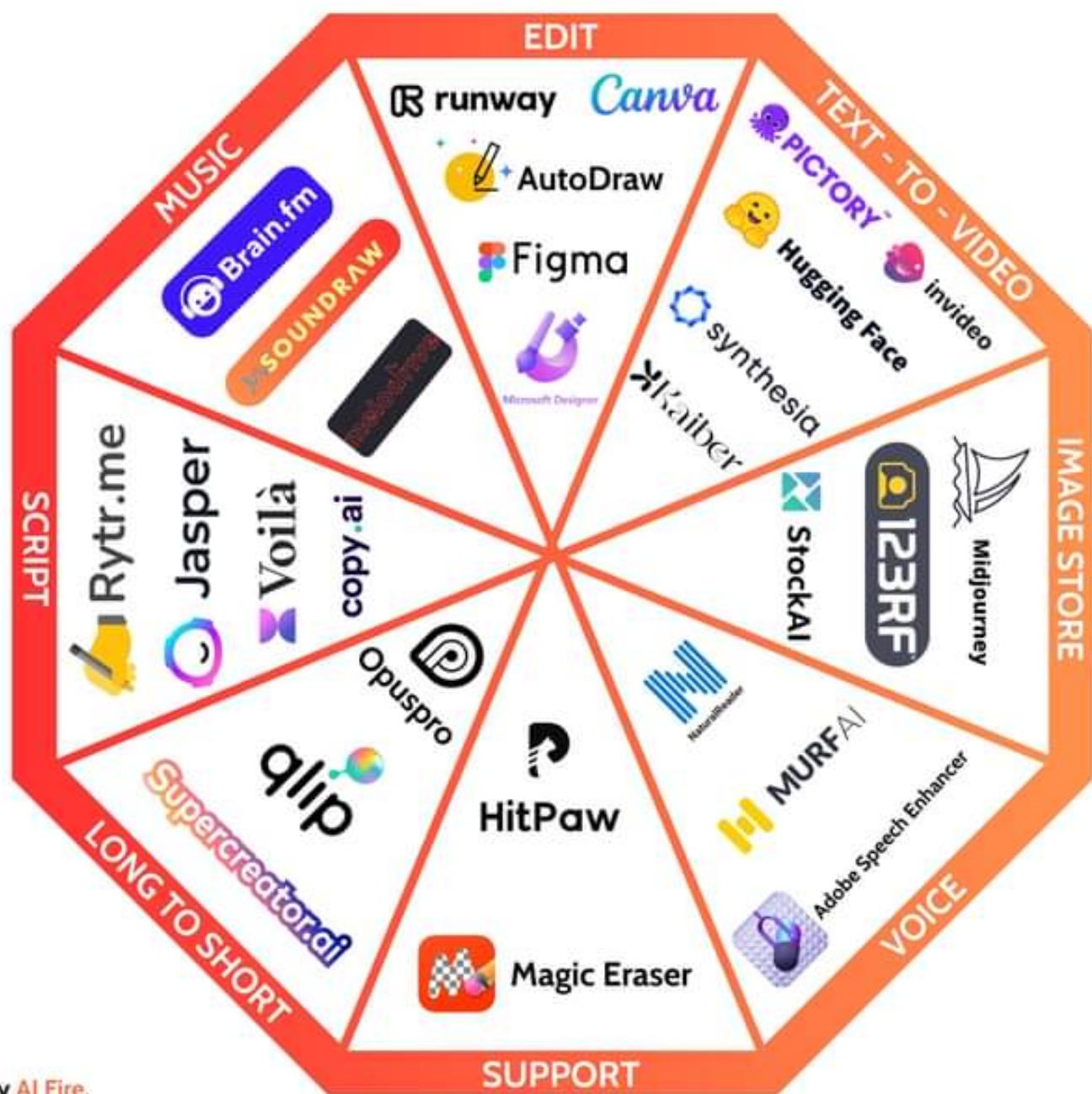
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TOP 30 KILLER AI TOOLS FOR CONTENT CREATORS



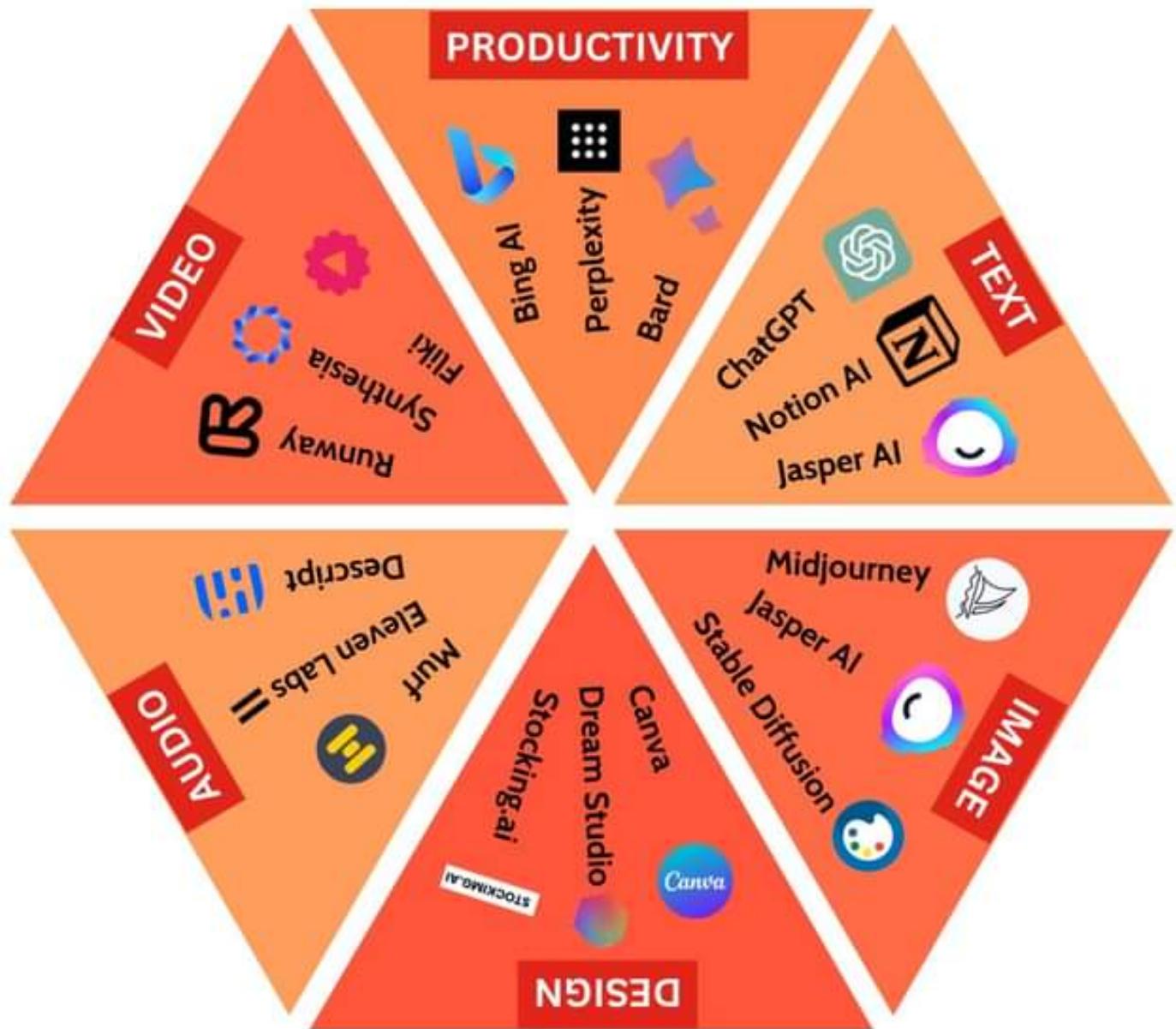
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6 HIGH-INCOME AI SKILLS TO LEARN IN 2023



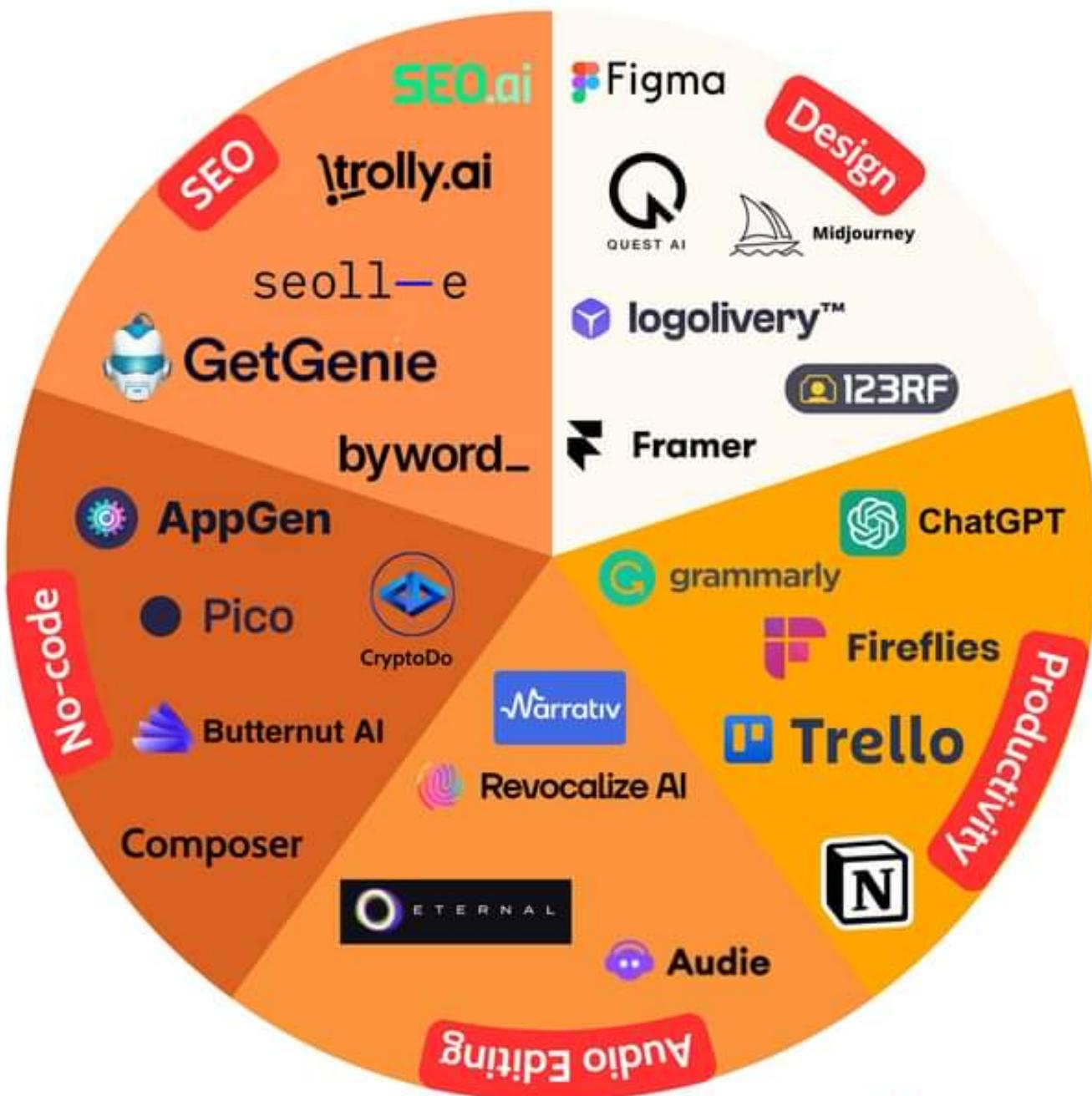
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TOP AI TOOLS COLLECTION TO X10 PRODUCTIVITY



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12 CHATGPT PLUGINS FOR DATA SCIENCE

WEBPILOT



Webpilot is an open-source plugin for ChatGPT language models that enables them to interact with and extract information from websites.

CODE INTERPRETER



AI-powered programming tool that is great at solving mathematical problems, doing data analysis and visualization, and code execution.

NOTABLE



With the Notable Plugin you can just ask questions, explore data, and even do some serious machine learning.

DATA INTERPRETER



Analyze your data using a Python code interpreter in a secure execution environment.

SCHOLAR AI



ScholarAI enables access to scientific papers to amplify research capabilities. It searches PubMed, Arxiv, Springer, and more.

CHATWITHGIT



Allows users to search code on GitHub repositories based on a query. It fetches relevant code examples to help explain concepts.

SHOW ME



It allows you to quickly and easily create diagrams within ChatGPT to visualize processes, concepts, relationships, and more.

WORLD BANK DATA



Access global data on development, economics, demographics, and more from the World Bank Datasets.

WOLFRAM



It makes ChatGPT smarter by giving it access to powerful computation, accurate math, curated knowledge, real-time data and visualization

LINK READER



It reads the content of all kinds of links, including webpages, PDFs, presentations, images, Word documents and other file types.

ZAPIER



It allows you to automate repetitive tasks and integrate 5000+ apps into your workflow, dramatically increasing your productivity.

BING



Allows ChatGPT to access information from internet sources like Wikipedia, news articles, and web pages.

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PROMPTS FOR ANY JOB SEEKER

- I'm interviewing for [job title] with [company/type of company]. What skills, attributes, or previous experiences are useful to talk about in my interview?
- Here's my resume: [resume text]. What should I bring up in a job interview for a position as [job title] at [company/type of company]?
- Here's my cover letter: [cover letter text]. What should I bring up in a job interview for a position as [job title] at [company/type of company]?
- You're the interviewer for this role: [job description]. Can you come up with 3-5 interview questions based on this job description?
- You're the interviewer for this role: [job description]. What are you looking for in a hire when interviewing them?
- You're the interviewer for this role: [job description]. Conduct a mock job interview for me.
- I'm interviewing for [job title] at [company/type of company], and this is part of the job description: [section of the job description in question]. What does this responsibility entail?/How do I showcase this skill in an interview?
- Ask me [interview question you want to prep for], and I'm going to provide an answer. Give me feedback on my answer as if you're the hiring manager: What elements of my story stood out? What pieces were missing? Given interview best practices, what did I do well, and what could I do differently?
- I'm interviewing for [job title] and expect to be asked [question you think the hiring manager will ask you]. What's the best way to answer this question?
- How do I best answer [common interview question] if I'm interviewing for a role as [job title] at [company/type of company]?
- I'm interviewing at a company that's a lot like [big, well-known company name]. What sorts of questions could they ask me?
- What are some common interview questions a hiring manager could ask at a company that [explain what the company is/does]?
- I'm interviewing with [role of your interviewer] at [company/type of company]. What kinds of questions will they ask, and how should I answer them?
- What are the best questions for me to ask a hiring manager in a job interview for [job title] at [company/type of company]?
- I'm interviewing for [job title] at [company] and know nothing about the company. What do I need to know about them for my interview?

PROMPTS FOR AFTER THE JOB INTERVIEW

- I interviewed for [job title] at [company/type of company]. We talked about [describe what you talked about in the interview]. What should I write in my thank-you note to my interviewer who is [role of interviewer]?
- I interviewed for [job title] at [company/type of company], and I'm planning to send a thank-you note to [role of interviewer]. Here's what I've written: [thank-you note draft]. Do you have feedback on how I could write this better?
- I don't want to move forward in the interview process for [job title] at [company/type of company]. What's the best way to send a rejection/What should the email look like?
- I interviewed for [job title] at [company/type of company], and I have a follow-up question for my interviewer. How can I ask it in a follow-up email?

PROMPTS FOR CAREER CHANGERS

- I have a background in [your background] but I'm interviewing for a role as [job title] at [company/type of company]. What sorts of transferable skills do I have, and how can I showcase them in the interview?
- I'm interviewing for a job as [job title] at [company/type of company] and expect to be asked [question about a specific experience/skill]. I have no experience in this. How can I best answer the question?
- I've never interviewed at [type of company or industry]. How can I best prepare/What sorts of interview questions should I expect?
- I'm interviewing at a startup but previously worked at a big company/I'm interviewing at a big company but previously worked at a startup. What sorts of interview questions will they ask/How can I show I can fit into the company culture in my interview?
- I'm interviewing for [job title] at [company/type of company] but it's a big step up from my previous role. I have experience in [related experience]. How can I tie that experience to this role that involves [job description]?
- I'm [age] but the role I'm interviewing for, [job title] at [company/type of company], requires [years of experience]. I have experience in [your background]. How can I sell myself to the hiring manager?

PROMPTS ABOUT SPECIFIC JOB INTERVIEW SITUATIONS

- I'm in [interview round] of [job title] at [company/type of company]. What kinds of questions should I expect?
- I'm in [interview round] of [job title] at [company/type of company] with [role of interviewer]. How should I be presenting myself/What should I talk about in my experience?
- I'm doing a group interview with [roles of your interviewers] for [job title] at [company/type of company]. What kinds of questions will they ask, and how should I answer them?
- I'm doing a [case study/technical interview/edit test/presentation] in front of [role of interviewer] for a job interview for [job title] at [company/type of company]. It entails [describe the case study/technical interview/edit test/presentation]. How should I prepare? What should I focus on?
- I'm doing a [case study/technical interview/edit test/presentation] in front of [role of interviewer] for a job interview for [job title] at [company/type of company]. I plan to [describe what your answer will be]. Do you have any feedback to improve my answer?
- I have a stutter/get nervous in job interviews/struggle with [issue]. What advice do you have for coming across confident in a job interview?
- I'm running late to a job interview at [company/type of company]. How should I let the hiring manager know/What should the email look like?
- I'm doing a job interview with [company/type of company] for [job title] over video. How can I best present myself?
- I was fired/laid-off from my last job as [job title] at [company/type of company], and I'm now interviewing for [job title] at [company/type of company]. How can I best present my career gap in the job interview with [role of interviewer]?



PROMPTS FOR EMAIL MARKETING

1. "I need a [type of email] that will persuade my [ideal customer persona] to purchase my [product/service] by highlighting its unique benefits and addressing any potential objections."
2. "I need a [type of email] that will make my [ideal customer persona] feel [emotion] about my [product/service] and convince them to take [desired action]."
3. "I need a [type of email] that will tell a story about my [product/service] and how it has helped [ideal customer persona] achieve their [goal] in a relatable and engaging way."
4. "I'm looking for a [type of email] that will establish trust and credibility with my [ideal customer persona] by highlighting the successes and testimonials of previous customers who have used my [product/service]."
5. "I need a [type of email] that will make my [ideal customer persona] feel [emotion] about my [product/service] and persuade them to take [desired action] with a sense of urgency."
6. "I'm looking for a [type of email] that will speak directly to the needs and pain points of my [ideal customer persona] and persuade them to take [desired action] with a sense of urgency and strong offer."

PROMPTS FOR FACEBOOK ADS

1. "I need a Facebook ad copy that will engage my [ideal customer persona] with [specific type of content] from [influencer type] who can authentically share the benefits of my [product/service] and encourage them to make a purchase."
2. "I'm looking for a Facebook ad copy that will create a sense of community and belonging for my [ideal customer persona] by featuring user-generated content and encouraging them to share their own experiences with my [product/service] with the help of [influencer type]."
3. "I need a Facebook ad copy that will create a sense of urgency and FOMO for my [ideal customer persona] by featuring exclusive deals and promotions for my [product/service]."
4. "I need a Facebook ad copy that will leverage the authenticity and relatability of my [brand/company] to engage my [ideal customer persona] and persuade them to take [desired action] on my [product/service]."
5. "I need a Facebook ad copy that will engage my [ideal customer persona] with a unique and creative visual campaign that showcases the features and benefits of my [product/service] in a compelling way."

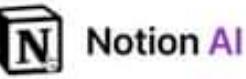
PROMPTS FOR ANY BLOG POSTS

1. "I'm looking for a [type of blog post] that will engage my [ideal customer persona] with a unique and compelling perspective on [subject] and persuade them to take [desired action] on my [website/product]."
2. "I need a [type of blog post] that will provide valuable and relevant information to my [ideal customer persona] and persuade them to take [desired action] on my [website/product]."
3. "I'm looking for a [type of blog post] that will educate my [ideal customer persona] on a specific [topic] and persuade them to take [desired action] on my [website/product]."
4. "I need a [type of blog post] that will speak directly to the needs and pain points of my [ideal customer persona] and persuade them to take [desired action] with a sense of urgency and strong offer."
5. "I'm looking for a [type of blog post] that will showcase the value and benefits of my [product/service] to [ideal customer persona] and convince them to take [desired action] with social proof and credibility-building elements."
6. "I need a [type of blog post] that will tell a story about my [product/service] and how it has helped [ideal customer persona] achieve their [goal] in a relatable and engaging way."
7. "I'm looking for a [type of blog post] that will draw in my [ideal customer persona] with a strong headline and hook, and then convince them to take [desired action] with persuasive language and compelling evidence."
8. "I need a [type of blog post] that will overcome objections and concerns my [ideal customer persona] may have about my [product/service] and convince them to take [desired action]."

PROMPTS FOR YOUTUBE VIDEO IDEAS

1. "I need a YouTube video idea that will provide a behind-the-scenes look at my [company/brand] and persuade my [ideal customer persona] to take [desired action] with a sense of authenticity and relatability."
2. "I'm looking for a YouTube video idea that will provide a step-by-step guide on how to use my [product/service] and persuade my [ideal customer persona] to make a purchase with clear and compelling instructions."
3. "I need a YouTube video idea that will demonstrate how my [product/service] can solve the specific pain points and needs of my [ideal customer persona] in a relatable and engaging way."
4. "I'm looking for a YouTube video idea that will showcase the unique selling points of my [product/service] and persuade my [ideal customer persona] to make a purchase with a sense of urgency and exclusive offers."
5. "I need a YouTube video idea that will compare my [product/service] to similar options on the market and persuade my [ideal customer persona] to choose us with clear and compelling evidence."
6. "I need a YouTube video idea that will showcase the success stories of previous customers who have used my [product/service] and persuade my [ideal customer persona] to make a purchase."
7. "I'm looking for a YouTube video idea that will provide valuable and relevant information to my [ideal customer persona] about [subject] and persuade them to take [desired action] on my [website/product]."
8. "I'm looking for a YouTube video idea that will tell a unique and relatable story about my [product/service] and how it has helped [ideal customer persona] achieve their [goal]."



NO.	NAME	FEATURES
1	YouTube summaries EIGHTIFY	 Eightify is a software tool that quickly and easily generates summaries of YouTube videos. It has Chrome and Safari extensions that allow users to access summaries of YouTube videos and quickly find the main points.
2	Document assistant ChatPDF	 ChatPDF is an AI-powered chatbot that accepts PDFs as 'prompts' (inputs) and can summarize, answer questions, analyze for a quick extraction (find a particular text or paragraph), and is able to translate PDFs.
3	Writing assistant LEX	 Lex allows you to generate essays, articles, and stories with help from an AI. The tool can both summarize text & work off of current sentences.
4	Presentation Expert TOME	 Tome allows you to use AI to generate content and images, presentations, landing pages, and more.
5	Sheets expert SHEETAI	 SheetAI.app revolutionizes your Google Sheets experience with a powerful suite of AI-driven functions to help you automate tasks and generate insights.
6	Coding assistant GITHUB COPILOT	 GitHub Copilot is an AI pair programmer that offers autocomplete-style suggestions as you code.
7	LinkedIn growth TAPLIO	 Taplio is an AI-driven LinkedIn automation tool designed to help businesses and individuals grow their presence on the platform.
8	Video creation HEYGEN	 HeyGen is an AI video generator that lets you create engaging business and marketing videos. No video editing skills are needed to use this tool.
9	Meeting assistant FIREFLIES AI	 Fireflies uses generative AI to bring ChatGPT to meetings. Generate transcripts and smart summaries for Zoom, Google Meet, Microsoft Teams, ...
10	Workspace assistant NOTION AI	 The AI tool offers a free and anonymous practice job interview chat using GPTB. Users can create an account and access roles in various industries such as marketing, software engineering, and hospitality.
11	Designer CANVA	 Notion AI produces text responses based on user's questions and the current page context.
12	Newsletter Creator BEEHIIIV AI	 beehiiiv AI is an Artificial Intelligence tool specifically designed for newsletter operators. It offers a suite of AI tools to help streamline and enhance content creation processes.
13	Email assistant INBOXPRO	 InboxPro is a suite of tools designed to boost productivity in Gmail. Key features and advantages include: AI-powered email assistant, Calendar scheduling, Email tracking, Templates and signatures, Analytics.



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IMPORTANT PARAMETERS OF CURRENT CHATBOT MODELS

MODEL	CHATGPT - 3	CHATGPT - 4	CHATGPT: CODE INTERPRETE R & PLUGINS	CLAUDE 2	BARD	BING	PI
Best use cases	- Simple question - Fast response	- Harder reasoning tasks - Writing - Creative tasks	- Data analysis - Coding	- Long context tasks - Summarise PDFs	- Internet tasks - Image tasks	- Academic tasks (citations)	- Personal conversations - Journaling
Up to date	Training data end of 2021	Training data end of 2021	Internet access with plugins	Training data beg. of 2023	Internet access	Internet access	Training data end of 2022
Weakness	Reasoning	Slow		Hallucinates	Hallucinates		Not for work
Image recognition	No	No	No, only simple text extraction	No			No
Read files	No	No			No		No
Web browsing	No			No			No
Summarize long content					No		
Tokens	8k	32k	32k	100k	1k	32k	1k
Available	Worldwide	Worldwide	Worldwide	US & Canada	Worldwide	Worldwide	Worldwide
Price	Free	\$20/month	\$20/month	Free	Free	Free	Free



TEXT APPLICATIONS

SEARCH	Search Internet	Search Enterprise, sales, marketing & accounting	Search Jobs	Search Books, Images, podcasts, videos & TV	Search Research	Search Programming Software Development	SALES & MARKETING COPY GENERATION

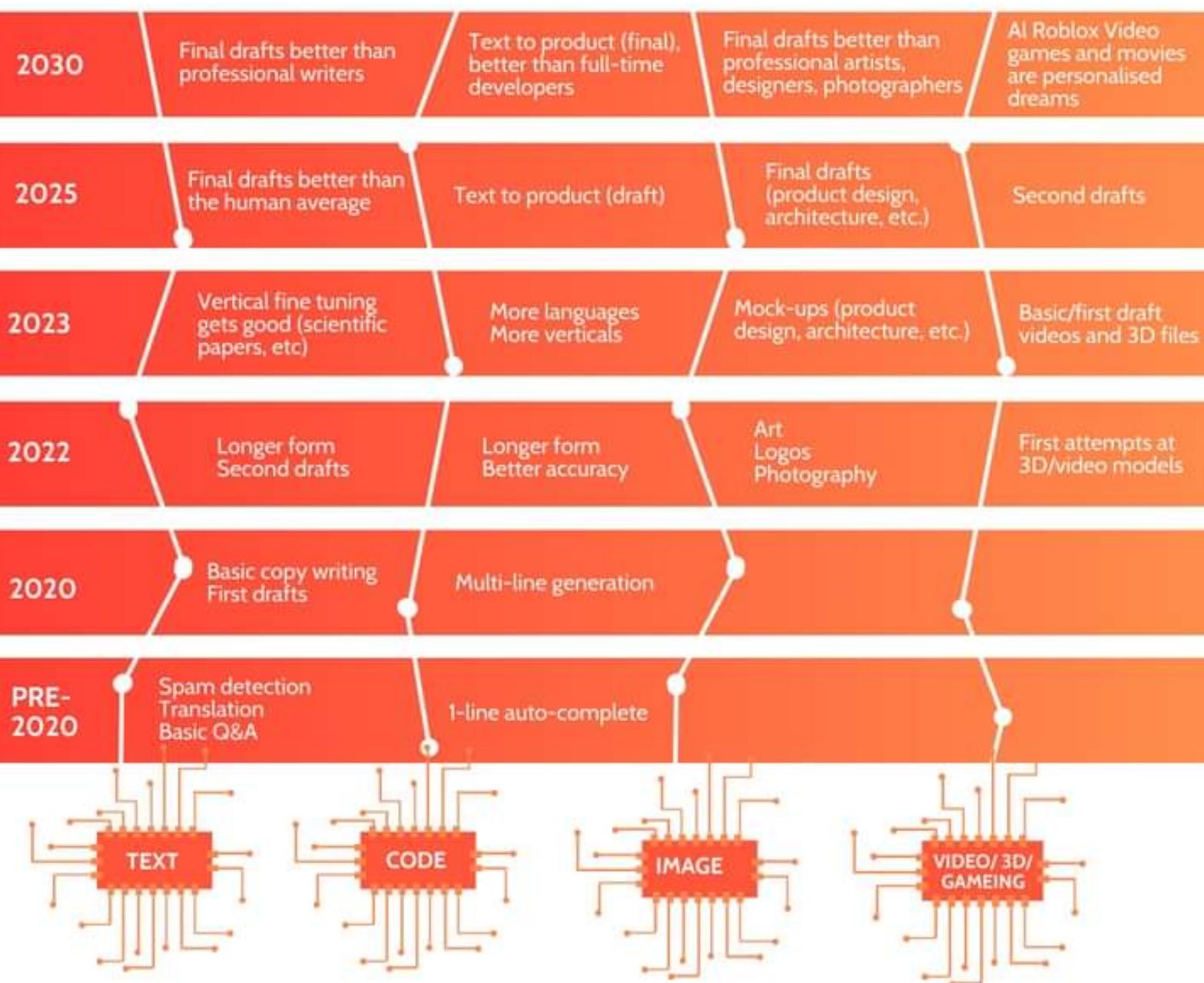


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THE GENERATIVE AI GROWTH

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TOP AI TOOLS TO MANAGE

SOCIAL MEDIA

CREATE VIDEO



invideo



Predis.ai

scrip

detail

CREATE IMAGE



Midjourney



Figma



123RF

CONTENT



HOOKLE



Voilà

byword_

ADSVERTISE



adcropy



markopoloo.ai

SCHEDULE



planable



Publer

INSIGHT





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TOP 6 CATEGORIES IN GENERATIVE AI LANDSCAPE

TEXT APPLICATIONS

The screenshot displays a grid of AI tools, each with a small icon and a brief description. The categories include:

- SEARCH**: Search Internet, Search: Enterprise, sales, marketing & accounting, Search: Jobs, Search: Books, images, podcasts, videos & TV, Search: Research, Search: Programming Software Development, bloop., phind, context.
- SALES & MARKETING COPY GENERATION**: anyseed, copy.ai, copymatic, Lately, Jasper, frase, CopyAI, CopyAI Pro, Hey AI, Content AI, Content AI Pro, Content AI Studio, Content AI Pro Studio, Content AI Business, Content AI Business Pro, Content AI Business Studio, Content AI Business Pro Studio.
- EMAIL GENERATION**: Autoreply, SalesSmart, Mailjet, Mailchimp, Mailgun, Mailerlite, MailPoet, Mailerlite Pro, MailPoet Pro, Mailerlite Business, MailPoet Business, Mailerlite Business Pro, MailPoet Business Pro.
- NOTE TAKING & DOCUMENT SUMMARIZATION**: Evernote, OneNote, Notability, Noteshelf, Noteshelf Pro, Noteshelf Business, Noteshelf Business Pro.
- WRITING ASSISTANCE & TRANSLATION**: Grammarly, Hemingway, ProWritingAid, ProWritingAid Pro, ProWritingAid Business, ProWritingAid Business Pro.
- CHAT**: ChatGPT, Bard, Claude, Claude 2, Claude 2 Pro, Claude 2 Business, Claude 2 Business Pro.
- OTHER COPY GENERATION**: Content AI, Content AI Pro, Content AI Business, Content AI Business Pro, Content AI Business Studio, Content AI Business Pro Studio.

IMAGE APPLICATIONS

A horizontal collage of logos for various AI tools, organized into four main categories: IMAGE EDITING, WEB DESIGN, PRESENTATIONS, and DIGITAL PEOPLE GENERATION. Each category contains several sub-logos of specific tools.

VIDEO APPLICATIONS

MUSIC	SPEECH TO TEXT	TRANSCRIPTION	Note taking	Podcast
Music Generation	Text to speech	General		
 	% ADJ.ARTS 	 8 months ago	 1 year ago 	
 	Automatic 	 1 month ago		
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AUDIO APPLICATIONS

DATA APPLICATIONS

The screenshot displays a grid of AI tools from the DataCamp AI Marketplace. The categories are:

- AUTOMATED ANALYSIS & INSIGHTS**: Includes AI Model, Channel, DataScience, Databricks, DATAHERALD, and Defog.
- SYNTHETIC TRAINING DATA GENERATION**: Includes Finalstate, GenerativeAI, Karmen, Lookup, ProcessA, Stream, Bento, Synthesis, SQL Genius (beta), symbi.ai, TableTalk, and windsor.ai.
- MACHINE LEARNING & DATA OPS**: Includes datagen, gretel, MerryAI, simple, opino, Stream, textureform, and others.
- DATA ENGINEERING & DEVOPS**: Includes AWS Lambda, AWS Step Functions, AWS Lambda Metrics, AWS CloudWatch Metrics, AWS CloudWatch Metrics Insights, AWS CloudWatch Metrics Insights Metrics, AWS CloudWatch Metrics Insights Metrics Insights, and AWS CloudWatch Metrics Insights Metrics Insights Metrics.

WEBSITE GENERATION FROM TEXT	WEBSITE GENERATION FROM FIGMA DESIGNS	WEBSITE PERSONALIZATION & OPTIMIZATION
Aspen  	 	 
 Databricks  Figma	 Create AI 	 The.com  akit AI
 		
 		
DOCUMENT GENERATION		
	 Document360  Create AI	 Document360  Create AI
	 	  Create AI
		  Create AI
CODE GENERATION COMPLETION		CODE ANALYSIS AND DEV OPS INTELLIGENCE
 NoCodeMe  Workspace   Create AI		 Create AI  AI Code Review
    Create AI  Create AI		 Create AI  Create AI
    Create AI  Create AI		 Create AI  Create AI
 CodeOPT    Create AI  Create AI		 Create AI  Create AI
		 Create AI  Create AI
		 Create AI  Create AI
		 Create AI  Create AI



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FREE

ALTERNATIVE TO

PAID

AI TOOLS

PAID

FREE

WRITING



CHAT GPT +



CLAUDE 2

RESEARCH
INTERNET ACCESS



CHAT GPT
w/internet



BING AI



GOOGLE BARD

VIDEO



PREMIERE PRO



INVIDEO



CAPTION APPS



CAPCUT

IMAGE



MIDJOURNEY



BLUEWILLOW

DESIGN



CANVA AI



MICROSOFT
DESIGN

NOTE



NOTION



GOOGLE DOCS

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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 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, including 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, 2:3, 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 P - 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 cliches 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 "--c X --s Y --q 2" 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"

Made by **AI Fire**.

Find the high-quality version at AlFire.co

**PROMPTS FOR INTRODUCING PRODUCTS/ SERVICE**

- "Write a high-converting [type of email] that will leverage the power of storytelling, social proof, and persuasive language to captivate my [ideal customer persona] and drive them to take [desired action] for my [product/service]."
- "Write a cold email copy for [product/service] addressing [specific persona pain points] and present my [solution] as the only viable solution in the market, leaving them with a sense of urgency and a compelling call to action."
- "Craft an attention-grabbing subject line and email body that showcases the unique benefits of my [product/service], appeals to the [target persona]'s self-interest, and motivates them to take action."
- "Develop a persuasive email that showcases the success stories of similar [target persona] who have used my [product/service] to overcome [pain point], and emphasize the urgency and scarcity of the offer."
- "Write an email that demonstrates the value of my [product/service] by using real-life examples, testimonials, and statistics to show how it solves [target persona]'s [pain point] and sets it apart from the competition."

PROMPTS FOR COLD CALL SCRIPTS

- "Can you provide me with a complete sales copy about [product/service] for a cold call to a potential client, including an opening, presentation, overcoming objections, and close?"
- "Can you draft a copy for a sales cold call that effectively showcases the [product/service] to [Prospect Name] and leads to a successful close?"
- "Can you formulate a sales copy for [product/service] for a cold call to [Specific audience] that covers the aspects of introduction, demonstration, objection handling, and closing?"
- "Can you provide me an example of a successful pitch for [product/service] to a [specific audience] potential client?"
- "Write me a sales cold calling copy by presenting the value of [product/service] to [prospective customer name] in the most effective way."

PROMPTS FOR SALES

- Generate 10 ways to generate leads for [product description]
- Create a personalized sales email for potential customers,
- Include [topic, brand name, promo offers, etc.]
- Write a sales landing page description for [product description]
- Generate 5 personas I should include in my outreach for [X]
- Generate a script to use when cold-calling [insert persona]

PROMPTS FOR CUSTOMER ENGAGEMENT EMAILS

- "Write an email introducing our new product [product name] to a potential customer, highlighting its key features and benefits."
- "Write a follow-up email to a potential customer who has shown interest in our product [product name], addressing any objections they may have and closing the sale."
- "Write a thank-you email to a customer who has just made a purchase, encouraging them to leave a review and promoting related products."
- "Write a re-engagement email to a customer who has not made a purchase in the last [X] months, offering them a special deal to come back."
- "Write an email with a subject line that would entice the customer to open it and a body that will make them want to buy our product [product name]."

PROMPTS ABOUT PERSUASIVE SALES PITCH

- "Write a sales pitch for a [product/service] that highlights its unique features and benefits."
- "Write a persuasive email to a potential customer explaining why they should choose [company name] for their [product/service] needs."
- "Write a persuasive blog post about the benefits of using [product/service] for [specific industry/target market]."
- "Write a sales pitch for a [product or service] that emphasizes its unique features and benefits. Include specific details about how it can solve a problem or improve the customer's life."

PROMPTS FOR COLD CALL SCRIPTS

- "Can you please write a B2B proposal for [Company] that highlights the benefits of using our [Product/Service] and how it can help them achieve their [specific business goal]?"
- "Can you draft a B2B proposal for [Company Name] that explains how our [Product/Service] can improve their [specific business process] and increase their [specific metric]?"
- "I am looking to write a proposal for a potential client in the [industry] industry. Can you help me create a compelling introduction and outline the key points and benefits of my [product/service]?"
- "Can you compose a B2B proposal for [Company Name] that showcases the unique features of our [Product/Service] and how it compares to similar solutions in the market?"
- "I am trying to win over a new client for my [product/service]. Can you help me write a persuasive proposal that highlights the benefits and value of [offering]?"



7 POWERFUL PROMPTS FOR MARKETING

MARKETING META-PROMPT

"I want you to help me create the best possible ChatGPT prompt to achieve my goals. You should ask me about the topic of my prompt, and then ask me for further details to help you refine the prompt for GPT3.5, GPT4, or ChatGPT."

1/ The process is as follows:

You will generate the following sections:

- Prompt: Provide the best possible prompt for my request
- Critique: Provide a single paragraph advising me how to improve the prompt. Even if the prompt is already acceptable, provide constructive criticism to make it even better.
- Questions: Ask 3 questions about what additional information I should provide to improve the prompt. If the prompt needs more clarification or details, ask me to provide them.

2/ Repeat the process:

- When I answer your questions from the previous step, you will repeat the process, and we will continue until the prompt is as good as it can possibly be.
- Your first response should be to ask what the prompt should be about.

CREATE SOCIAL MEDIA POSTS

"In my next prompt I will provide you with [Information's product - Ex: Some text from a web page promoting my company's new range of organic coffee pods]. Acting as a social media manager, use this information to write 10 tweets that will [Purpose - Ex: Encourage people to visit that web page and purchase a sample pack of our coffee]. The target audience is [Information - Ex: Time-pressed parents who want high-quality gourmet coffee at home, in a hurry.]"

"[Information product - Ex: My business makes high-quality organic coffee pods for people who want to enjoy gourmet coffee at home, in an easy, convenient way]. Please give me 10 ideas for Instagram posts to promote this product."

MARKET RESEARCH

"My company sells high-quality coffee pods for cash-rich, time-poor customers who want gourmet coffee at home and don't want to waste time using a traditional espresso machine. They are willing to pay a premium for convenience. One of our main target customers is the "working mom" who has a senior position at work and still cares for her school-age children. She doesn't have a lot of spare time in the morning to make coffee before she leaves home, even though she enjoys a good quality morning pick-me-up. Please create a detailed buyer persona for this kind of person, to help us target them more effectively with our marketing campaigns."

TRAIN CHATGPT ON YOUR BRAND TONE OF VOICE

"Please use these tone of voice guidelines when responding to my following prompt: It must be [Your tone - Ex: Clear, easy to understand, and concise. It must sound authentic and human. It must inspire energy and provoke action. It must feel lively and energetic. It must sound knowledgeable and well-informed. It must be accessible and friendly, with no complex jargon]."

"I need you to help me create some text. First I want you to look at some examples of writing to understand the style you should emulate. After this prompt, I will paste a writing example for you to analyze, and I want you to say "OK". I will keep posting new examples, and you should keep saying "OK" until I say "READY". Then you should summarize the style and tone of voice in a few sentences before I ask you to start writing for me."

CREATE MARKETING EMAILS

"In my next prompt I will provide you with [Information - Ex: some text from a web page promoting my company's project management SaaS product]. Acting as a marketing copywriter, use this information to create a marketing email [Purpose - Ex: Persuading people to visit our website and fill out a form to request a product demonstration]. [Extra request - Ex: Include a strong subject line that will encourage people to open the email]. The target audience is [Information - Ex: Senior project managers in technology companies with a turnover of at least \$ 50 million]."

"Is there any further information I can provide which will help you to improve this email?"

ALTERNATIVE SUBJECT LINE IDEAS

"In my next prompt I will provide you with some text for a marketing email. Use this text to create 10 alternative subject lines which will encourage people to open and read the email."

"In my next prompt I will provide you with some text for a marketing email. Use this text to create 10 alternative subject lines which will encourage people to open and read the email, and make sure to include the recipient's name for personalization."

CREATE MARKETING BUYER PERSONAS

"My company sells high-quality coffee pods for cash-rich, time-poor customers who want gourmet coffee at home and don't want to waste time using a traditional espresso machine. They are willing to pay a premium for convenience. One of our main target customers is the "working mom" who has a senior position at work and still cares for her school-age children. She doesn't have a lot of spare time in the morning to make coffee before she leaves home, even though she enjoys a good quality morning pick-me-up. Please create a detailed buyer persona for this kind of person, to help us target them more effectively with our marketing campaigns."

50 KEY

PROMPTS FOR FOUNDERS WITH CHATGPT



1. Help me generate a business plan for my startup.
2. Can you summarize the latest articles about AI developments?
3. Give me a list of potential marketing strategies for my product/service.
4. Assist in brainstorming names for my new product
5. Draft an elevator pitch for my business.
6. Help me create a SWOT analysis for my business.
7. Provide me a list of key metrics to track for a tech startup
8. Create an FAQ for my website based on my business description.
9. Explain the fundamentals of blockchain technology.
10. Generate ideas for social media content relevant to my business
11. Review my business pitch and suggest improvements.
12. What are the key components of a successful pitch deck?
13. Prepare a script for a sales call.
14. Outline a process for hiring the best talent for my startup
15. Generate a list of best practices for managing remote teams.
16. How can I improve my personal productivity as a founder?
17. Write a professional networking email for me.
18. Can you help me understand the basics of SEO?
19. Generate a list of potential collaborators in my industry.
20. How can I effectively manage my time as a startup founder?
21. Provide a summary of the best books for entrepreneurs.
22. Assist in creating a competitive analysis.
23. Can you explain the benefits and drawbacks of venture capital?
24. Explain the principles of lean startup methodology.
25. Draft an announcement for a new product launch.



26. Give me a list of potential market segments for my product.
27. Help me develop a customer persona.
28. How can I improve team communication in my startup?
29. Can you provide a list of relevant industry conferences?
30. Write a press release for my startup's latest achievement.
30. Write a press release for my startup's latest achievement.
31. Can you help me create a basic financial model for my startup?
32. How can I improve customer retention in my business?
33. Provide tips for effective team meetings
34. What are some effective strategies for stress management as a founder?
34. What are some effective strategies for stress management as a founder?
35. Write a thank you letter to a business partner.
36. Can you help me create a roadmap for my product?
37. Generate a list of potential improvements for my business website.
38. Help me understand the key legal considerations for startups.
39. Can you provide a basic explanation of machine learning and its business applications?
40. Generate ideas for a company retreat.
41. Assist in creating a checklist for launching a new product.
42. Can you help me understand the basics of data privacy and its importance?
43. What are some ways I can encourage innovation in my team?
44. Write a brief for a marketing agency.
45. How can I effectively use social media for my business?
46. Assist in creating an onboarding process for new employees.
47. Can you help me brainstorm potential challenges my startup might face?
48. Draft an apology letter for a customer issue.
49. Provide tips on how to maintain a healthy work-life balance as founder.
50. Can you suggest some team-building activities for my startup?



HOW TO USE CHATGPT FOR LEARNING

ACT AS A [ROLE]	SHOW AS [FORMAT]	LEARN FROM CHATGPT
1. Teacher 2. Coach 3. Expert 4. Checker 5. Tutor 6. Professional	1.A Table 2.A List 3. Summary 4. Spreadsheet 5. Graphs 6. Plain Text file 7.PDF 8. Markdown 9. Gantt Chart 10. Word Cloud 11.Emojis 12. Bullet Points	<p>1. Explain</p> <ul style="list-style-type: none"> • Explain clearly • Explain uniquely • Explain detailed • Explain like I'm 5 • Explain with examples • Explain to 5th grades • Explain like Elon Musk • Explain detailed with examples • Explain to high school students <p>2. Create a courses</p> <p>Prompt: "I have 3 days free in a week and 2 months. Make a crash study plan diving into English literature and grammar."</p> <p>3. Instructional Guides</p> <p>Prompt: How do I ["topic here"]</p>
CREATE A [TASK]		<p>4. Learn & develop any new skill.</p> <p>Prompt: "I want to learn/get better at [insert desired skill]. I am a complete beginner. Create a 30-day learning plan that will help a beginner like me learn and improve this skill."</p>
RESTRICTIONS		<p>5. Enhance your problem-solving skills.</p> <p>Prompt: "Share a step-by-step systematic approach for solving [specific problem or challenge]."</p> <p>6. 80/20 principle to learn faster than ever before via ChatGPT.</p> <p>Prompt: "I want to learn about [insert topic]. Identify and share the most important 20% of learnings from this topic that will help me understand 80% of it."</p>

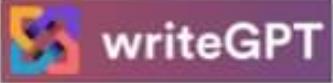
TOP PLUGINS						
QuickRecall	Giga Tutor	Open Lecture	ChatWithVideo			
Ai Tool Hunt	LikeWise	Decision Journal	WebPilot			



C.R.E.A.T.E FORMULA FOR PROMPT ENGINEERING

- C: Character** - Define the AI's role. E.g., "You are a seasoned copywriter with 20 years of experience in successful sales copy."
 - 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."
 - E: Examples** - Optionally, provide samples for more precise results. Headlines or tone examples can guide the AI's style.
 - A: Adjustments** - Refine the prompt if it's not perfect. Use instructions like, "Avoid bullet points; use subheads."
 - T: Type of Output** - Describe the desired format. E.g., "Produce a 500-word article with a title and conclusion."
 - 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.



No.	Name	Feature
1	Ecommerce Prompts 	Readymade ChatGPT prompt recipes built by prompt engineers to help you set up your store and marketing campaigns in less than 1 HOUR!
2	SmartGPT 	SmartGPT is trained on advanced prompt engineering techniques modeled by experts. This AI tool will supercharge your ChatGPT prompts in 1-click.
3	Promptjourney 	The Prompt Journey tool offers over 100 expertly crafted prompts for diverse industries and applications powered by ChatGPT and GPT-4. Users can filter and browse through categories such as lead generation and personal branding to find prompts that best suit their needs.
4	GPT Prompt Tuner 	GPT Prompt Tuner is an AI tool that fine-tunes chatbot conversations using variations of prompts. It allows users to edit and customize prompts to generate better chatbot responses.
5	Giti ChatGPT 	Giti ChatGPT is a language model AI tool that generates human-like text based on given prompts, with the ability to understand context and personalize responses.
6	Adaptify 	The AI tool provides high-performance templates for ChatGPT, aimed at improving business-ready results instantly.
7	ChatGPT Phantom 	ChatGPT Phantom is an AI tool that generates real-time articles, scripts and transcripts for various media formats.
8	WriteGPT 	WriteGPT is a multi-functional web extension that helps streamline the browsing experience by providing effective prompt engine content creation and consumption through OpenAI's GPT language model.
9	SiteGPT 	The AI tool, SiteGPT, allows users to create a chatbot for their website that can answer visitor questions based on trained website content.
10	HRMate 	The AI tool offers a free and anonymous practice job interview chat using GPTB. Users can create an account and access roles in various industries such as marketing, software engineering, and hospitality.
11	GPTGO 	GPTGO is an AI tool that combines chatGPT and a search engine in one interface.
12	Avian ChatGPT 	The Avian ChatGPT Plugin is a powerful tool that allows users to access and interact with their business data from various sources such as Google Analytics, Facebook Ads, and Google Ads.



TOP 12 BEST AI CHROME EXTENSIONS

No.	Name	Logo	Features
1	Jasper	 Jasper	Jasper is a different writing helper application that works across various platforms and uses AI to produce articles 10 times more quickly. You can easily lengthen or shorten a sentence with just one click, and you can use the "Explain it to a Fifth Grader" option to rewrite it so that it is easier to read.
2	Fireflies	 Fireflies	Fireflies is an AI Chrome extension for productivity, offering transcription and note-taking during meetings on any web-conferencing platform. It transcribes uploaded live meetings or audio files, allowing for easy skimming and team collaboration through comments or markings.
3	Grammarly	 grammarly	Grammarly makes use of natural language processing techniques to provide support on every platform or browser page that you are visiting. You may check for plagiarism, fix the content's tone, and ensure your work is grammatically proper with this plugin.
4	Otter AI	 Otter.ai	Otter AI is an AI meeting assistant and note-taker that records audio and automatically generates notes to improve the team's efficiency. It removes the hassle of manual note-taking and allows the attendee to focus completely on the meeting, avoiding distractions and improving productivity.
5	Rytr	 Rytr.me	Rytr is a prominent AI-powered Chrome extension for writing. Using AI and historical data, it crafts unique, well-styled, grammatically correct articles swiftly, completing your essay without human assistance in under an hour.
6	Compose AI	 COMPOSE AI	Compose AI is an AI-writing Chrome extension tailored for email and Slack messages. Simply open an email and use the in-window prompt for easy composition, making it an effective tool worth trying.
7	Frase	 frase	Frase Article Summarizer, a Chrome addon, is ideal for on-the-go marketers. It quickly provides screenshots and outlines of web pages, enhancing research productivity by facilitating easy content summarization of blogs and news.
8	Merlin	 Merlin	When you select any online content and press the commands mentioned above, it'll open a Merlin box, allowing you to choose from options, like summarize the content, create a reply, or make the content shorter or longer.
9	YouTube Summary		YouTube Summary with ChatGPT & Claude is a free Chrome Extension that lets you quickly access the summary of both YouTube videos and web articles you're consuming. Use this extension to save time and learn more quickly.
10	Voilà	 Voilà	Voila is an AI-powered extension that helps you create content and boosts your productivity. It lets you create AI content around various categories, including marketing, advertising, product, website copy, writing, social media posts, etc.
11	SearchGPT		SearchGPT is a free extension that upgrades search engines such as Google and Bing by showing chat AI responses with regular results. It offers smarter searches, instant AI interaction, and quick access on Chrome for a better browsing experience.
12	Monica		Monica can answer any complex questions in the sidebar. It can also help you write articles, AI painting, read articles, summarize YouTube videos, search the internet, and enhance Google and Newbing search engines. Available on all websites.



TOP 10

BEST CHATGPT PLUGINS FOR LEARNING

No.	Name	Logo	Features
1	Wolfram		The Wolfram Plugin for ChatGPT is a powerful tool for accessing Wolfram Alpha and Language. It's like a personal math tutor, providing answers and step-by-step solutions, making challenging math problems easier without any cost.
2	ScholarAI		ScholarAI is a ChatGPT plugin that simplifies scientific research from top databases, making complex papers understandable. It stands out by using real citations from peer-reviewed literature, ensuring accuracy over mere AI guesses.
3	AskYour PDF		AskYourPDF is a plugin that simplifies long PDFs for students. Just provide a PDF link, and it extracts key information and answers questions about the content, acting like a helpful friend. This plugin saves you countless hours of scrolling through lengthy documents.
4	Show Me		Show Me is a ChatGPT plugin that creates diagrams based on your requests. Instead of struggling with design tools, just ask it to illustrate a concept, like types of marketing, and it quickly provides visual aids, making understanding and presentations easier.
5	Quick Recall		Quick Recall is a ChatGPT plugin for creating flashcards, using spaced repetition to enhance memory. Users can design flashcards or convert ChatGPT information into them. The plugin revisits harder cards more frequently, optimizing learning.
6	AI Tool Hunt		The AI Tool Hunt ChatGPT Plugin connects with external APIs, allowing users to explore a vast database of AI tools. By inputting specific needs, users get recommended AI solutions, streamlining the research process for tools ranging from natural language processing to machine learning.
7	VoxScript		The VoxScript ChatGPT plugin provides instant transcripts of YouTube videos and allows search by topics mentioned in the transcript. It offers fast, accurate results, benefiting those who learn or work using YouTube content.
8	Speak		The "Speak" plugin in ChatGPT aids in learning foreign languages, focusing on nuances and context for authentic understanding. It considers the user's native language, the target language, and context, offering translation services and explanations of phrases.
9	Open Lecture AI		Open Lecture AI is a tool providing access to university course materials. It serves as a personal library for users to find complex answers, learn new topics, or enhance their understanding of known subjects.
10	Giga Tutor		Giga users can ask Giga any question they have, and Giga will provide a personalized answer based on the user's specific needs. Giga can help with a wide range of topics, including math, science, history, and more.



MASTER CHATGPT PROMPTING CHEAT SHEET

MODES AND ROLES			FORMAT			TONES		
• Intern: Find research on [insert topic]	Code	Table	Essay	Firm	Professional	Persuasive		
• Idea generator: Generate ideas on [x]	Tweet	Blog	Report	Confident	Descriptive	Informal		
• Teacher: Teach me about [insert topic]	Social	Email	Research	Poetic	Humorous	Formal		
• Critic: Critique my argument: [argument]	media post	Bullets	Presentation	Narrative	Academic	Friendly		

HOW TO BUILD A CHAIN PROMPT WITH EXAMPLE

1. Insert first prompt: Give me a summary of this document [insert or copy paste document text]
2. Modify the output: Use the summary above and write a 500 word piece that explains the topic to beginners
3. Modify the tone: Change the tone of the answer above and make it sound more professional
4. Modify the format: Convert the answer above into text for a presentation with 1 slide for each key point

GENERAL PROMPTS

- Rewrite this text and make it easy for a beginner to understand: [insert text].
- I want to [insert task or goal]. Generate 5 ideas for [insert task or goal].
- Explain [insert topic] in simple and easy terms that any beginner can understand.
- Summarize the text below and give me a list of bullet points with key insights and the most important facts.
- Proofread my writing above. Fix grammar and spelling mistakes. And make suggestions to improve the clarity of my writing.

PROMPTS FOR MARKETERS

- List [insert number] ideas for blog posts about [insert topic]
- Create a 30 day social media calendar about [insert topic]
- Generate landing page copy for [insert product description]
- Write 5 pieces of Facebook ad copy for [product description]
- Generate 5 persuasive subject lines for an email about [insert email description]

PROMPTS FOR CODING

- Help me find mistakes in my code: [insert your code]
- Explain what this snippet of code does: [insert code snippet]
- What is the correct syntax for a [statement or function] in [programming language]?
- How do I fix the following [programming language] code which [explain the functioning]? [insert code snippet]

PROMPTS FOR SALES

- Generate 10 ways to generate leads for [product description]
- Create a personalized sales email for potential customers.
- Include [topic, brand name, promo offers, etc.]
- Write a sales landing page description for [product description]
- Generate 5 personas I should include in my outreach for [X]
- Generate a script to use when cold-calling [insert persona]

PROMPTS FOR DESIGNERS

- What are some interactions to consider when designing a [insert app or website description]
- Create a user persona for [describe product]
- Generate 10 questions for a user interview regarding [topic]
- Create a user journey for [insert app and persona description]
- Generate UI/UX design requirements for [describe feature]

PROMPTS FOR RESEARCH

- Identify the top 20 companies in [insert industry] by revenue
- What are the top trends in [insert industry] for 2023?
- Find me the best-reviewed software for [insert task]
- Summarize the annual financial statement of [insert company]
- Summarize this research paper and give me a list of the key insights: [insert research paper text]

PROMPTS FOR CUSTOMER SERVICE

- Create a template for an email response to customers inquiring about [product].
- What are the most frequently asked questions about [topic]?
- Create a help page that explains how to use [your product].
- Summarize the following knowledge base article to give step-by-step instructions: [insert article]



CODE GENERATION

1. Can you generate code for [add specific programming task or problem] in [specify programming language or framework]?
2. What is the most efficient or elegant way to generate code for [insert specific programming task or solution] in [insert programming language or framework]?
3. Is there a library or tool that can assist with generating code for [insert specific programming task or goal] in [insert programming language or framework]?
4. Write a [language] function to filter [data structure] based on [condition] with the following inputs: [input variables] and expected output: [output description].
5. Design a [language] algorithm to solve [problem] using [strategy or technique].

CODE COMPLETION

6. Complete the [language] code that [function]: [code snippet]
7. Complete the [language] code to convert [data structure] into [output format]: [code snippet].
8. Finish the [language] implementation of a multithreading solution for [problem]

BUG DETECTION

9. Locate any logical errors in the following [language] code snippet: [code snippet]
10. Find the performance issues in the [language] code: [code snippet].
11. Check for potential deadlock issues in the [language] code: [code snippet].
12. Analyze the following [language] code and determine potential SQL injection vulnerabilities: [code snippet]

ALGORITHM DEVELOPMENT

13. Write a heuristic algorithm to solve a specific problem: [problem description]
14. Analyze the following machine learning algorithm to improve its accuracy: [algorithm/pseudocode].
15. Create a streaming algorithm to process data in real-time for [a specific purpose].
16. Assess the trade-offs of the given algorithm in terms of performance and resource usage: [algorithm or pseudocode].

ALGORITHM DEVELOPMENT

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NATURAL LANGUAGE PROCESSING

17. Perform text classification of the following text: [text sample].
18. Analyze the sentiment of the following product review: [product review].
19. List out the key phrases in the social media posts: [social media post].

CODE REVIEW

20. Review the following [language] code for code smells and suggest improvements: [code snippet].
21. Review the following [language] code for scalability issues: [code snippet].
22. Evaluate the following [language] code for compatibility with [technology]: [code snippet].
23. Evaluate the test coverage of the [language] code: [code snippet]

NATURAL LANGUAGE PROCESSING

24. Suggest the refactoring improvements for the following [language] code: [code snippet].
25. Optimize the following [language] code for lower memory usage: [code snippet].
26. Refactor the following [language] code to improve its error handling: [code snippet].

CODE TRANSLATION

27. Translate the following [language] code for calculating the average of user input numbers into [desired language]: [code snippet].

REQUIREMENT ANALYSIS

28. Analyze the following project requirements and suggest the technology stack: [project requirements].
29. Interpret the following project requirements and provide a detailed project plan with milestones and deliverables: [project requirements].
30. Convert the following project requirements into user stories: [project requirements].

NETWORKING AND SECURITY

31. Create a secure [language] function that performs [specific task] while preventing [security threat or vulnerability].
32. Design a secure protocol for [specific use case] for my [app/website].
33. Evaluate the security of the given [language] code when interacting with [external service/API].

AUTOMATED TESTING

34. Write a test script for the given [language] code that covers [functional/non-functional] testing.
35. Design a performance testing strategy for a [web/mobile] app for [resource usage, latency, and throughput].
36. Create a test suite for a [language] library or framework that validates its functionality and stability.
37. Create an end-to-end testing strategy for a [mobile/web] app that covers critical user workflows.

PERSONALIZED DEVELOPMENT LEARNING

38. What are the available free resources to learn [programming language/technology]?
39. What learning path should I follow to become a proficient [IT job role]?
40. Suggest coding challenges or competitions to improve my [programming language/technology] skills.

9 POWERFUL AI TEXT GENERATORS 06/2023



NO	NAME	LOGO	FEATURES
1	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		<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		<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		<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		<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		<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		<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		<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		<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

Made by **AI Fire**.

Find the high-quality version at AIFire.co

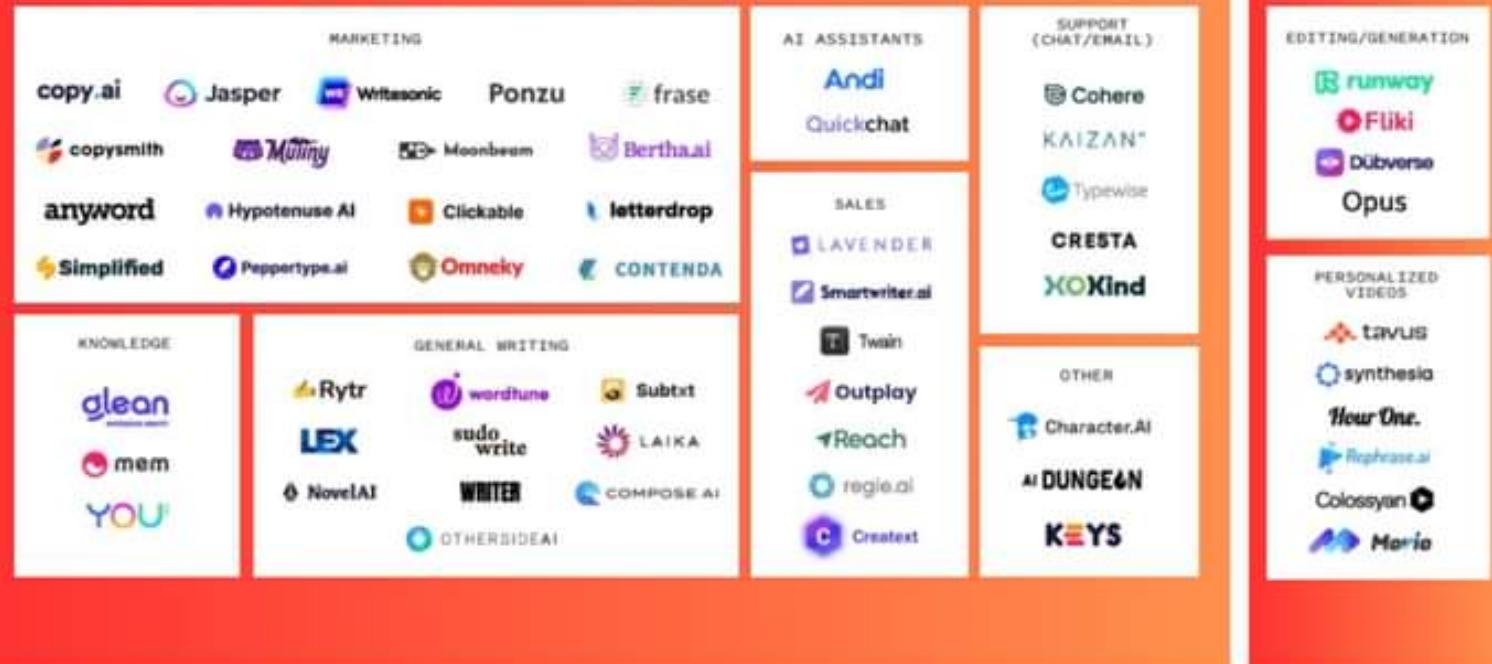


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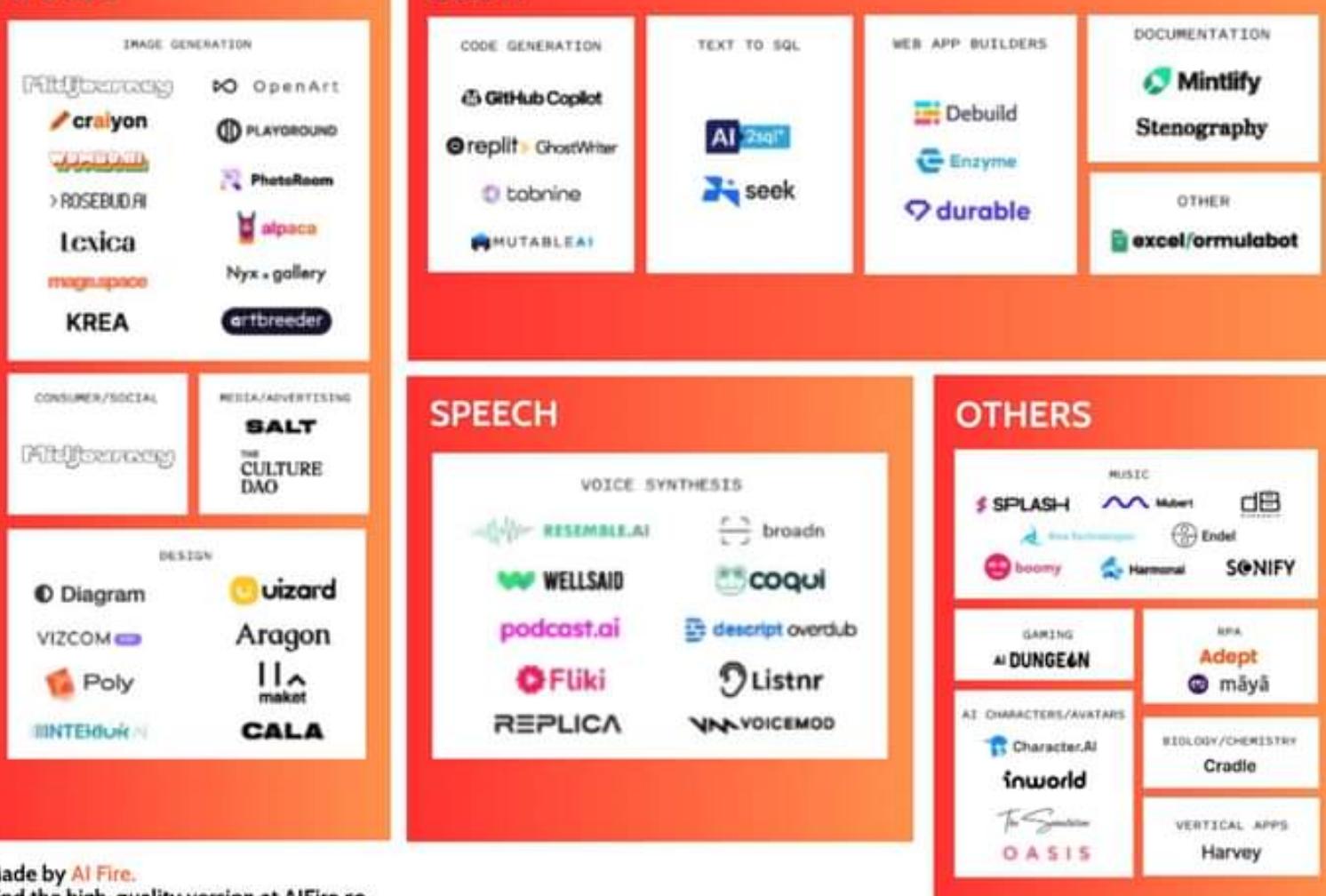


THE GENERATIVE AI APPLICATION LANDSCAPE

TEXT



IMAGE





THE TIMELINE OF GENERATIVE AI

1950

Hidden Markov Models (HMMs) and Gaussian Mixture Models (GMMs) were introduced as one of the first generative models to generate sequential data.

**1965**

Ivakhnenko with his work showed that deep neural networks have the potential to learn complex patterns & create diverse outputs.

1997

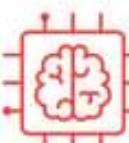
LSTM, a new gating unit together with GRU, allows RNN models to capture long-term dependencies & improve NLP models' results.

**2014**

Ian Goodfellow and his team develop GANs which opened the door to increasingly accurate & varied outputs.

**2013**

The Variational Auto-encoder (VAE) is introduced, which is still an underlying concept of stable diffusion.

**1980**

RNNs are first introduced in the 1980s. Their recursive nature allows the models to learn information from the previous time steps, but they struggle with long-term dependencies.

2015

Researchers invent the diffusion model, which learns to produce imagery from noise and is the basis of image generators such as DALL-E 2 and Stable Diffusion.

**2017**

A team at Google Brain introduces transformers, a new NN architecture used initially in NLP models.

**2018**

Open AI releases a paper on how combining transformers & unsupervised pre-training greatly improves NLP models.

2022

Mar: Midjourney, an AI image generator, goes live on a Discord server.



July: Stability.ai launches text-to-image model Stable Diffusion.

stability.ai

Nov: OpenAI releases ChatGPT.

**2021**

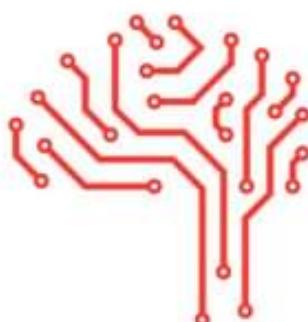
The first multimodal models such as CLIP start appearing, where vision and language are combined allowing it to be trained on a massive amount of text and image data. OpenAI releases the first generation of its image generator, DALL-E.

2019

NLP language models start adopting transformers such as Bert, GPT-2 & ELMO.

**2023**

Chat GPT-4 sets the beginning of the Generative AI "gold rush".





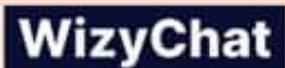
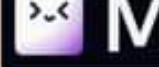
No.	Name	Feature
1	Pictory	Pictory is an AI video generator that enables you to easily create and edit high-quality videos. One of the best aspects of the tool is that you don't need any experience in video editing or design.
2	Jasper	Jasper is the best overall AI writing assistant, leading the market with its impressive features and quality. You first provide it with seed words, which Jasper then analyzes before creating phrases, paragraphs, or documents based on the subject matter and tone of voice. It is capable of producing a 1,500-word article in less than 15 minutes.
3	Murf	Murf offers a lot of customization options to help you create the best natural-sounding voices. It has a variety of voices and dialects that you can choose from, as well as an easy-to-use interface.
4	HitPaw Photo Enhancer	This is the best AI image enhancer to make pictures less blurry and enlarge images without quality loss.
5	Synthesis	Creators and companies can use Synthesys to create videos with lip-syncing AI video technology. There is no need for cameras or film crews. All you have to do is choose an avatar and type your script in one of 140+ available languages, and the tool will produce a high-quality video.
6	Lovo.ai	Lovo.ai is an award-winning AI-based voice generator and text-to-speech platform. It is one of the most robust and easiest platform to use that produces voices that resemble the real human voice.
7	Images.ai	It uses the latest in open source stable diffusion technology to offer AI art generation.
8	Fireflies	Fireflies is an AI meeting assistant that uses NLP to eliminate the need for note taking during a meeting. Easily record, transcribe, and search across your voice conversations on an intuitive to use platform.
9	Speechify	Speechify can turn text in any format into natural-sounding speech. Based on the web, the platform can take PDFs, emails, docs, or articles and turn it into audio that can be listened to instead of read. The tool also enables you to adjust the reading speed, and it has over 30 natural-sounding voices to select from.
10	Anyword	Anyword is a data-driven copywriting tool that is designed for marketers. It enables the generation of effective copy for ads, emails, landing pages, and content for different platforms.



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THE BEST AI CHATBOTS 2023

The leader	 OpenAI		
The runner-up	 Bard	 CLAUDE 2	
Open source	 Llama	 HuggingChat	 botpress
Building your own chatbot	 zapier	 WizyChat	 Dante
Searching the web	 Bing	 Perplexity	 YOU
Content writing	 Jasper	 copy.ai	 Chatsonic
Sales & marketing	 ChatSpot	 PhantomBuster	
Personal coaching	 Pi		
Messaging	 personal.ai		
Tinkering	 OpenAI playground	 Poe	
Fun	 character.ai	 Hi, Waifu	
Social media	 Voilà	 Merlin	
Coding auto-complete	 GitHub	 Amazon Codewhisper	



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CHATGPT'S JOB SEARCH CHEAT SHEET

JOB SEARCH AI TOOLS

- Sonara: Automate your job search using AI
- Careerflow: AI powered job searching platform
- Match That Role: Matching job seekers with job openings

JOB APPLICATION AI TOOLS

- HyreSnap: Get the perfect resume for your next job
- CareerHub AI: Upgrade your career with AI
- Salley: Future-proof your career with personalized learning

NETWORKING AI TOOLS

- NetworkAI: Grow your network with the speed of AI
- Engage AI: Build stronger relationships on LinkedIn

INTERVIEW PREP AI TOOLS

- InterviewJam: Leverage AI to ace your interview
- Applai.me: Revolutionize your job search using AI
- Interviewsby.ai: Custom tailored mock interviews using AI

CHATGPT COMPANY RESEARCH PROMPTS

- I have an interview with [company] for the position of [job position]. Analyze the company's website [website link] and give me a summary of the work they do. [use web browsing plugin]
- What are the key things I should look for in understanding [company]'s [product/service] market position?
- I have applied for a company in [industry]. What are the biggest opportunities and threats in [industry]?
- What are some key indicators to understand the financial health of a company?
- What kind of information should I look for in a company's annual report?

CHATGPT RESUME PREP PROMPTS

- Review the job listing below. Then review my resume. Generate a new resume that is better suited to the requirements of the job listing. [copy paste job listing] [copy paste resume]
- What are the key skills that should be included in a resume for a [job title] position?
- Suggest ways to tailor my resume to a specific job listing in the field of [job field]. Provide an example of a well-structured resume for a [job position].
- What are some effective ways to demonstrate leadership experience in a resume for a managerial role?
- How can I best present my internship experiences in a resume for an entry-level job in [field]?

CHATGPT INTERVIEW PREP PROMPTS

- I am interviewing for the role of [insert role]. Give me a list of the most common questions asked in the interview for this role. Generate a list of answers to the questions above, along with brief explanations for each answer.
- Provide some tips for answering the question 'Tell me about yourself' during an interview.
- How should I describe my past work experience in an interview for a [field] job?
- What is the STAR method for answering interview questions and how can I apply it? Can you help me prepare a 30-60-90 day plan for a [field] job interview?
- Give me examples of how to demonstrate leadership experience in an interview for a [job level] role.
- Ask me a list of the most common interview questions for the role of [X]. Provide correct answers when my response is incorrect.

CHATGPT SALARY NEGOTIATION PROMPTS

- I am a job seeker with [x] years of experience in [field]. I'm applying for the role of [job role], what are important factors to consider while negotiating my salary? How should I respond if my salary negotiation request is denied?

CHATGPT COVER LETTER PROMPTS

- Review my resume. [copy paste resume] How can I best demonstrate my skills and experience in a cover letter for a [job role] job?
- Can you provide an example of a cover letter for a job application in a [company type]?



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MASTER FORMULAS AND MACROS WITH CHATGPT

FUNCTIONS

COUNT
AVERAGE
SUM
MIN / MAX
VLOOK / HLOOK
DATE / TIME
IF
LEN
EXTRACT

WRITE BASIC FORMULAS

Write me an excel formula [your question]

Write me an excel formula to use the SUM function to add up a range of cells

Write an excel formula to concatenate [cell1], [cell2], and [cell3].

Write an excel formula to find the number of characters in [cell1].

EXPLAIN FOMULAS

Can you explain the [formula/function] in Excel and give an example of how to use it?

Can you explain the SUM formula with the COUNTIF function and the ROW function in Excel and give an example of how to use it to calculate the cumulative average?

Can you explain the AVERAGE formula with the OFFSET function and the MOD function in Excel and give an example of how to use it to calculate the moving average of the last N periods?



ASK TO GUIDE

Can you show me how to use the [formula/function] in Excel?

Can you show me how to use the INDEX and MATCH formula in Excel to look up values in a table?

Can you show me how to use the formula (new value – old value) / old value in Excel to calculate the percent change?

BUILT-IN FINANCE KNOWLEDGE

Write an Excel formula to calculate profit margin. [your request]

Write an Excel formula to calculate profit margin. The net income is in cell A5 and the revenue is in cell C7.



TURN CHATGPT INTO A SPREADSHEET

I want you to act as a text-based Excel. Only reply back with a text-based 10 row Excel sheet with row numbers and lettered columns. I will tell you what to write into cells and what formulas to use, and you will only reply with the result of the Excel table. First reply with the empty table.

I want you to act as a text-based Excel. Only reply back with a text-based 10 row Excel sheet with row numbers and lettered columns. I will tell you what to write into cells and what formulas to use, and you will only reply with the result of the Excel table. First reply with the empty table.

	A	B	C	D	E	F	G	H	I	J
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

Let me know what data or formulas you'd like to input, and I'll update the table accordingly.

WRITE MACROS

Create a Macro with: Sum of C14 to G14 and show output in C16
Average of C14 to G14 and show output in C18 C20
Maximum of C14 and G14 and return the matching value from C3 to G3. Show output on
Highlight cells C16, C18 and C20 in orange

Create a Macro with: Sum of C14 to G14 and show output in C16 Average of C14 to G14 and show output in C18 C20 Maximum of C14 and G14 and return the matching value from C3 to G3. Show output on Highlight cells C16, C18 and C20 in orange

You're asking for an Excel VBA macro to perform the operations you've mentioned. Here's a basic version of the macro for your request:

```

Sub CalculateValues()
    ' Sum of C14 to G14 and show output in C16
    Range("C16").Value = Application.WorksheetFunction.Sum(Range("C14:G14"))

    ' Average of C14 to G14 and show output in C18 C20
    Range("C18:C20").Value = Application.WorksheetFunction.Average(Range("C14:G14"))

    ' Maximum of C14 and G14 and return the matching value from C3 to G3. Show output on
    If Range("C14").Value > Range("G14").Value Then
        Range("C20").Value = Range("C3").Value
    Else
        Range("C20").Value = Range("G3").Value
    End If

    ' Highlight cells C16, C18 and C20 in orange
    Range("C16,C18,C20").Interior.Color = RGB(255, 185, 0)
End Sub

```



PROMPTS FOR ANY JOB SEEKER

- I'm interviewing for [job title] with [company/type of company]. What skills, attributes, or previous experiences are useful to talk about in my interview?
- Here's my resume: [resume text]. What should I bring up in a job interview for a position as [job title] at [company/type of company]?
- Here's my cover letter: [cover letter text]. What should I bring up in a job interview for a position as [job title] at [company/type of company]?
- You're the interviewer for this role: [job description]. Can you come up with 3-5 interview questions based on this job description?
- You're the interviewer for this role: [job description]. What are you looking for in a hire when interviewing them?
- You're the interviewer for this role: [job description]. Conduct a mock job interview for me.
- I'm interviewing for [job title] at [company/type of company], and this is part of the job description: [section of the job description in question]. What does this responsibility entail?/How do I showcase this skill in an interview?
- Ask me [interview question you want to prep for], and I'm going to provide an answer. Give me feedback on my answer as if you're the hiring manager: What elements of my story stood out? What pieces were missing? Given interview best practices, what did I do well, and what could I do differently?
- I'm interviewing for [job title] and expect to be asked [question you think the hiring manager will ask you]. What's the best way to answer this question?
- How do I best answer [common interview question] if I'm interviewing for a role as [job title] at [company/type of company]?
- I'm interviewing at a company that's a lot like [big, well-known company name]. What sorts of questions could they ask me?
- What are some common interview questions a hiring manager could ask at a company that [explain what the company is/does]?
- I'm interviewing with [role of your interviewer] at [company/type of company]. What kinds of questions will they ask, and how should I answer them?
- What are the best questions for me to ask a hiring manager in a job interview for [job title] at [company/type of company]?
- I'm interviewing for [job title] at [company] and know nothing about the company. What do I need to know about them for my interview?

PROMPTS FOR AFTER THE JOB INTERVIEW

- I interviewed for [job title] at [company/type of company]. We talked about [describe what you talked about in the interview]. What should I write in my thank-you note to my interviewer who is [role of interviewer]?
- I interviewed for [job title] at [company/type of company], and I'm planning to send a thank-you note to [role of interviewer]. Here's what I've written: [thank-you note draft]. Do you have feedback on how I could write this better?
- I don't want to move forward in the interview process for [job title] at [company/type of company]. What's the best way to send a rejection/What should the email look like?
- I interviewed for [job title] at [company/type of company], and I have a follow-up question for my interviewer. How can I ask it in a follow-up email?

PROMPTS FOR CAREER CHANGERS

- I have a background in [your background] but I'm interviewing for a role as [job title] at [company/type of company]. What sorts of transferable skills do I have, and how can I showcase them in the interview?
- I'm interviewing for a job as [job title] at [company/type of company] and expect to be asked [question about a specific experience/skill]. I have no experience in this. How can I best answer the question?
- I've never interviewed at [type of company or industry]. How can I best prepare/What sorts of interview questions should I expect?
- I'm interviewing at a startup but previously worked at a big company/I'm interviewing at a big company but previously worked at a startup. What sorts of interview questions will they ask/How can I show I can fit into the company culture in my interview?
- I'm interviewing for [job title] at [company/type of company] but it's a big step up from my previous role. I have experience in [related experience]. How can I tie that experience to this role that involves [job description]?
- I'm [age] but the role I'm interviewing for, [job title] at [company/type of company], requires [years of experience]. I have experience in [your background]. How can I sell myself to the hiring manager?

PROMPTS ABOUT SPECIFIC JOB INTERVIEW SITUATIONS

- I'm in [interview round] of [job title] at [company/type of company]. What kinds of questions should I expect?
- I'm in [interview round] of [job title] at [company/type of company] with [role of interviewer]. How should I be presenting myself/What should I talk about in my experience?
- I'm doing a group interview with [roles of your interviewers] for [job title] at [company/type of company]. What kinds of questions will they ask, and how should I answer them?
- I'm doing a [case study/technical interview/edit test/presentation] in front of [role of interviewer] for a job interview for [job title] at [company/type of company]. It entails [describe the case study/technical interview/edit test/presentation]. How should I prepare? What should I focus on?
- I'm doing a [case study/technical interview/edit test/presentation] in front of [role of interviewer] for a job interview for [job title] at [company/type of company]. I plan to [describe what your answer will be]. Do you have any feedback to improve my answer?
- I have a stutter/get nervous in job interviews/struggle with [issue]. What advice do you have for coming across confident in a job interview?
- I'm running late to a job interview at [company/type of company]. How should I let the hiring manager know/What should the email look like?
- I'm doing a job interview with [company/type of company] for [job title] over video. How can I best present myself?
- I was fired/laid-off from my last job as [job title] at [company/type of company], and I'm now interviewing for [job title] at [company/type of company]. How can I best present my career gap in the job interview with [role of interviewer]?



TOP 10 AI TOOLS TO LEVERAGE CODING SPEED

Name	Logo	Features	Price
OpenAI Codex		OpenAI Codex evolved from GPT-3, understands and writes code in multiple languages. It uses more context than GPT-3 and can execute commands in English for software with APIs. It simplifies coding tasks like using existing libraries.	
Code Interpreter		Code interpreter pushes the boundaries of what's possible with AI by enabling data analytics, image conversions, code editing, and much more. With CI, all these tasks can now be performed through the text interface.	\$20/month
Copilot		Copilot uses publicly available code from GitHub repositories so that users can access large datasets and quickly develop accurate code.	<ul style="list-style-type: none"> • \$10-\$19 • Free to use for verified students, teachers
Tabnine		Tabnine is an AI code completion tool that utilizes deep learning algorithms to provide the user with intelligent code completion capabilities.	From \$12/month per seat
Deepcode		DeepCode is a cloud-based AI code analysis tool that automatically scans the codebase of a project and identifies potential bugs and vulnerabilities.	
AskCodi		AskCodi is a code generator that offers a full suite of development tools to help developers build and ship projects faster, write better code and shorter code blocks, with fewer mistakes.	From \$7.99/month per seat
Codiga		Codiga is a static analysis tool that ensures code is secure and efficient. You can test your code for vulnerabilities and security issues in real-time. It also includes an auto-fixer to quickly address any issues in the code.	From \$14/month per seat
Visual Studio IntelliCode (Microsoft)		It offers smarter IntelliSense completions and helps reduce the amount of time developers spend navigating and debugging code.	From \$45/month
PyCharm (Microsoft)		PyCharm is an AI code completion tool from JetBrains which provides developers with intelligent code completion capabilities.	From \$24.90/month per seat
Cody (Sourcegraph)		It understands your entire codebase, answers queries, and writes code. Beyond guidance, Cody provides detailed code explanations, locates specific components, and identifies potential issues with suggested fixes.	<ul style="list-style-type: none"> • Free for personal use • \$5k/year for Sourcegraph
CodeWhisperer (Amazon)		Amazon's CodeWhisperer provides AI-powered code hints, finds open-source code matches, and checks for security issues. It recommends fixes and follows top security standards like OWASP guidelines.	<ul style="list-style-type: none"> • Free for personal use • \$19/month professional use



Tone	Impact output	Use Case	Example
Friendly + Professional	Warm and approachable, yet knowledgeable and competent	Sales emails, customer service, marketing copy	Hi there! We're excited to help you with our team of experts is here to ensure you have a seamless experience from start to finish.
Urgent + Persuasive	High sense of urgency and importance, yet persuasive	Limited-time offers, promotional campaigns	Act fast, and don't miss out on this exclusive deal! Our premium products are in high demand, and we don't want you to miss your chance to own them.
Casual + Conversational	Relaxed and friendly, yet conversational and engaging	Social posts, blog media content, internal communications	Hey there! We wanted to share some exciting news with you. Our team has worked hard on a new product we know you'll love.
Professional + Trustworthy	Reliable and dependable, yet professional and polished	Business proposals, executive summaries, Investor pitches	Our team has a proven track record of delivering exceptional client results. With our extensive expertise and commitment to excellence, you can trust us to deliver on our promises.
Humorous + Informal	Reliable and dependable, yet professional and polished	Social media, blog content, internal communications	Our office dog is our official mascot and brings joy to our team daily. Follow our social media to see more of his antics!
Professional + Straightforward	Direct and concise, yet professional and polished	Business emails, formal legal documents	We appreciate your interest in our company and would happily provide additional information upon request. Please let us know if you have any
Serious + Empathetic	Understanding and serious, and sincere	Crisis communications, customer service, sensitive topics	We understand the impact of recent events and are here to support you in any way we can.
Positive + Enthusiastic	Optimistic and enthusiastic, yet upbeat	Sales customer pitches, service, motivational content	Our products are designed to help you achieve your goals and reach new heights of success. We're excited to be on this journey with you!
Authoritative + Professional	Confident and knowledgeable + polished	Executive communications, Industry meetings	As industry leaders, we are committed to setting the standard for excellence and delivering exceptional results for our stakeholders.
Casual + Funny	Relaxed and playful yet humorous and entertaining	Social media, brand personality, content marketing	Did you hear the one about the marketer who walked into a bar? Neither did we, but we're always up for a good laugh!
Empathetic	sensitivity, compassion, and understanding	Customer support, Healthcare, Social issues, Personal development	Write an Email to Erin that you won't be able to come to her birthday party. Use empathetic voice and tone.
Academic	Formal language, sophisticated vocabulary, explained clearly	Writing a research, literature review, technical report, grant proposal	Use a formal and academic tone, advanced vocabulary and grammar, and provide a thorough analysis of the subject matter. Explain complex concepts clearly and use examples from various fields. Present counterarguments objectively.
Simple	straightforward language and short sentences, avoids jargon and complex vocabulary	Creating content for social media or blogs with a focus on readability and accessibility	Explain Generative AI in 5 sentences. Use simple language, break down complex concepts into frameworks or models, and provide practical takeaways.
Creative	similes, metaphors, and personification	Novels, short stories, poetry, marketing copy, social media post, caption	Write an invitation to the 30th birthday party of Peter. Use vivid language to create imagery and atmosphere. Use metaphors, and personification.

14 AI TOOLS TO 10X YOUR PRODUCTIVITY



AI YOUTUBE
SUMMARIES

 Eightify

ICONS



IconGeneratorAi

AI CONTENT

 postwise

AI IMAGES

 Leap

AI MEETING

 tl;dv

EMAIL



getmailyr

AI SALES



IMAGE



AI AUDIO



CODING



AI
COPYWRITER



Notion

PARAPHRASE



WEBSITE



PROMPTS





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FREE

ALTERNATIVE TO

PAID

AI TOOLS FOR

MARKETERS

FREE

PAID

YOUTUBE SUMMARIES



EIGHTIFY



UPWORD

MEETING SUMMARISES



TL;DV



SIDER

TEXT-TO-IMAGES



BLUEWILLOW



MIDJOURNEY

TEXT-TO-VOICE



VERBATIK



PLAYHT

VIDEO SHORTS



2SHORT.AI



SYNTHEZIA

PRESENTATIONS



TOME



BEAUTIFUL AI

WEBSITE BUILDER



MIXO



DURABLE

VIDEO TRANSLATOR



TRANSLATE.VIDEO



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TOP 100 GENERATIVE AI TOOLS FOR STARTUP

COPYWRITING

- syllaby** [LINKDELTA](#)
- [PowerMode](#) [listingcopy.ai](#)
- [Ryters Block](#) [text.cortex](#)
- [WriteMeo](#) [ARTICLE FIESTA](#)
- [JibeWith](#) [creative Fabrica](#)
- [easywrite](#) [wordmetrics](#)
- [SuperChat.ai](#) [GoCharlie](#)

SEO TOOLS

- syllaby** [COPY](#)
- [LONGSHOT](#) [Typli.ai](#)
- [Kafkai](#) [topicmojo](#)
- [CTRify.](#) [jenni](#)
- [comparai](#) [letterdrop](#)
- [SpinRewriter](#) [Smarty](#)

VIDEO EDITING

- [Picsart](#) [Clipahh](#)
- [PICTORY](#) [Wisecut](#)
- [invideo](#) [Superseamless](#)
- [Peech](#) [nOVA](#)
- [KAPWING](#) [wave.video](#)
- [TIMBOLT](#) [HitPaw](#)
- [runway](#) [muse.ai](#)
- [wonder](#) [dynamis](#)

RESEARCH

- [domini](#) [Chatbase](#)
- [Heuristica](#) [to teach](#)
- [venturefy](#) [Elicit](#)
- [cohere](#) [genei](#)
- [INFRANODUS](#) [phind](#)
- [Three Sigma](#) [Honesty Meter](#)
- [Teach Anything](#) [FILECHAT.IO](#)

GAMING

- [inworld](#) [poly](#)
- [Meshy](#) [KAEDIM](#)
- [mirage](#) [Sloyd](#)
- [conval](#) [Polyhive](#)
- [3DFY.ai](#) [charisma](#)
- [CAPTURELAB](#) [LUDO](#)
- [hidden door](#) [Opus AI](#)

FINANCE

- [Metaview](#) [Ellie Mae](#)
- [avanzai](#) [Sturppy](#)
- [Codenui.ai](#) [DoNotPay](#)
- [truewind](#) [Wisio](#)
- [StockGPT](#) [Genius Sheets](#)
- [Paymefy](#)

PODCAST

- [Slayer](#) [Podium](#)
- [Podsift](#) [Blogcast™](#)
- [krisp](#) [Wondercraft AI](#)
- [Dubb](#)
- [VoicePen](#) [PODCASTER](#)
- [Transkribieren](#) [STEOSVOICE](#)
- [koelio.ai](#)
- [Cleanvoice](#)
- [melville](#)
- [deciphr](#)

INSPIRATION

- [CoolAlid](#) [NEUTRON MELD](#)
- [BLACKINK.AI](#) [AI Recipe Generator](#)
- [Digitalfirst.ai](#) [ReRoom AI](#)
- [PromptBox](#) [sudo write](#)
- [Universal Data](#) [IMAGINEVIEW](#)
- [Mangakku](#) [WELOVENCODE](#)
- [PlaylistAI](#) [namelix](#) [Lexica](#)

TRANSLATION

- [LangGPT](#) [MachineTranslation.com](#)
- [OpenL](#) [Translatext](#)
- [OpenAI](#)
- [vidby](#) [zeemo](#)
- [SONIX](#) [DeepL Translator](#)
- [OURLOI](#) [Langtalk](#)
- [audio-bot](#) [Targum](#)



MIDJOURNEY ADVANCED PARAMETERS CHEAT SHEET

No.	Name	Detail
1	Aspect Ratios	--aspect, or --ar Change the aspect ratio of a generation.
2	Chaos	--chaos <number 0–100> Change how varied the results will be. Higher values produce more unusual and unexpected generations.
3	Fast	--fast override your current setting and run a single job using Fast Mode.
4	Image Weight	--iw <0–2> Sets image prompt weight relative to text weight. The default value is 1.
5	No	--no Negative prompting, --no plants would try to remove plants from the image.
6	Quality	--quality <.25, .5, or 1>, or --q <.25, .5, or 1> How much rendering quality time you want to spend. The default value is 1. Higher values use more GPU minutes; lower values use less.
7	Relax	--relax override your current setting and run a single job using Relax Mode.
8	Repeat	--repeat <1–40>, or --r <1–40> Create multiple jobs from a single prompt. --repeat is useful for quickly rerunning a job multiple times.
9	Seed	--seed <integer between 0–4294967295> The Midjourney bot uses a seed number to create a field of visual noise, like television static, as a starting point to generate the initial image grids. Seed numbers are generated randomly for each image but can be specified with the --seed or --sameseed parameter. Using the same seed number and prompt will produce similar ending images.
10	Stop	--stop <integer between 10–100> Use the --stop parameter to finish a job partway through the process. Stopping a job at an earlier percentage can create blurrier, less detailed results.
11	Style	--style <raw> Switch between versions of the Midjourney Model Version 5.1 and 5.2. --style <4a, 4b, or 4c> Switch between versions of the Midjourney Model Version 4. --style <cute, expressive, original, or scenic> Switch between versions of the Niji Model Version 5.
12	Stylize	--stylize <number>, or --s <number> parameter influences how strongly Midjourney's default aesthetic style is applied to jobs.
13	Tile	--tile parameter generates images that can be used as repeating tiles to create seamless patterns.
14	Turbo	--Turbo override your current setting and run a single job using Turbo Mode.
15	Weird	--Weird <number 0–3000> Explore unusual aesthetics with the experimental --weird parameter.

Default Values (Model Version 5, 5.1, and 5.2)

	Aspect Ratio	Chaos	Quality	Seed	Stop	Stylize
Default Value	1:1	0	1	Random	100	100
Range	Any	0-100	.25 .5, or 1	whole numbers 0–4294967295	10-1000	0-1000

Default Values (Model Version 4)

	Aspect Ratio	Chaos	Quality	Seed	Stop	Style	Stylize
Default Value	1:1	0	1	Random	100	4c	100
Range	1:2–2:1	0-100	.25 .5, or 1	whole numbers 0–4294967295	10-1000	4a, 4b, or 4c	0-1000

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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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 a 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.



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



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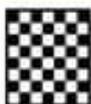
52 ChatGPT Alternatives 2023



NO SIGN-UP



Perplexity AI



OraChat



GPTGO



NoowAI



BAI Chat



Phind AI



Vitalentum



Teach Anything



AnonChatGPT



iAsk AI



Character AI



GPT4All



DeepAI Chat



Forefront AI



Vicuna

SIGN-UP



Poe AI



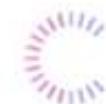
Bard



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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FOR DATA SCIENCE



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100+ Prompts To Unleash Full ChatGPT Potential

CONTENT CREATION

Ideas Generation:

Create me ideas for [type of content] about [topic1], covering topics like [topic1, topic2...].

- 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.

Outlines:

Create an outline for [type of content]

- Create an outline for a blog post about productivity
- Create an outline for a book "How to learn to learn a foreign language in 3 months"
- Create an outline for a course "How to learn Python for data science"

Create Quiz:

Turn a [list] into [type of quiz]

- Turn a list of facts about world history into a multiple-choice quiz
- Turn a list of facts about biology into true/false questions

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 prefixed by "in the style of"

Giveaway:

Choose X random contest winner(s) from a long list of names or emails: [insert names or emails]

SPREADSHEET

Formula Generation in Excel:

Create a formula to [goal] in cell [range of cells]

- 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

Explain Formula:

Explain the meaning of the formula [formula]

- Explain the meaning of the formula

=SUM(A1:A10)

- Explain the meaning of the formula AVERAGE(H10:H20)

- Explain the meaning of the formula =SUMIF(C1:C10,"No", B1:B10)

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 parenthesis using Excel

- 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.

Google Sheets:

Create a formula to [goal] in cell [range of cells]

- 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]

FOREIGN LANGUAGE

Ask questions:

What's the difference between [word1] and [word2] in [language]? Provide X examples

- What's the difference between por and para in Spanish? Provide 2 examples

- What's the difference between tu and voce in Portuguese? Provide 4 examples

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.

Write essays in any level:

Write a [level] [type of essay] in [language] about [topic]. It must be X words long

- 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

Vocabulary:

Create a table of difficult words from the previous essay and translate them into [language]

Phonetics:

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.

PROGRAMMING

Coding Questions:

How to [action] in [programming language]?

- How to merge dictionaries in Python?

- How to join two datasets 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

Advice:

I want to learn [language] for [field]. Create a roadmap to learn [language]

- 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 [app]. Provide steps to [task] with [language]

- I want to automate Gmail. Provide steps to sending emails with Python

- I want to automate Tinder. Provide steps to swipe right with Python

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 [details].

Web Development:

I want to build a [type of website]. Can you generate some HTML for my website?

- 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?

Additional info:

- Can you center the content in the HTML page, add a line break between the inputs and add an image on a logo?

- Add CSS to customize the size of the logo image

Automation:

Send the message "Type message" on WhatsApp using Python and pywhatkit

- 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

DATA SCIENCE

Data Science Questions:

Where can I find data for my [dataset] project?

- 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?

Best practices:

Can you [best practice] my code?

- 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?

Automate Data Science Tasks:

Translate my Python code to R

- 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]

Data Science Workflow:

With scraping [link] working for a few websites

- Web scrape [website] using [language] and [library]

Generate data:

Act as a fake data generator. Create a dataset that has X rows and Y columns: [column1], [column2], ...

Train Classification model

- I have a dataset of [describe dataset]. Build a machine learning model that predicts [target variable]

Tune 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

Ring Poems/Lawys/Articles:

Create a [adjective] [type of content] on [goal]. Explain why [topic1, topic2, ...]

- 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.

Writing Assistant:

Can you [action] my text [adjective]?

- 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]

Copywriting:

Create a [type of content] for [subject] showcasing the [benefit, benefit2, ...]

- 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.

Emails:

Reply to this email: [insert email]. Be [behavior] and very [formal].

- 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

Social Media:

Create X [type of content] for [platform] [platform2]

- Create 3 hashtags and a caption for a picture on Instagram of a cute cat achievements

- Create 2 bios for LinkedIn highlighting my work achievements

CREATIVITY

Entertainment:

Create X [element] considering [dress]

- Create 5 jokes considering words like knowledge and money

- Create 5 pickup lines considering that you're a doctor

Planning:

Create a 3-day [type of plan] for [details]

- Create a 3-day trip for our anniversary in September

- Create a 30-day workout for my arms and abs with no gym equipment

- Create a 3-day meal plan for a child who is lactose intolerant

Gift Ideas:

Provide X gift ideas for [type of people]

- Provide 3 gift ideas for clients of a travel agency

- Provide 4 gift ideas for business partners in a healthcare company

- Provide 3 gift ideas under \$100 for a teenager who loves football

Act as:

Act as a [type of person] that is [behavior], [action]

- 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.

ACADEMIC LIFE

Improve Your Work:

Provide X ways to improve [subject]

- 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]

Step-by-step Guide:

Provide step-by-step instructions on how to [subject]

- 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

Summarization:

Can you summarize [title]?

- Can you summarize the book The Little Prince?

- Can you summarize World War II in 400 words?

- Can you summarize this article? [insert text]

Generate Names:

Suggest a [adjective] name for my [type] using the words [word1, word2, ...]

- Suggest funny names for my college team using the words flawless 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

Made by **AI Fire**.

Find the high-quality version at [AIFire.co](#)



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more cheat sheets
and additional
Learning resources.



30-DAY CHALLENGE WITH CHATGPT

FOR COPYWRITERS

DAY 1 What is the demographic information (age, gender, location, etc.) of people looking for information on the [insert your niche] niche?	DAY 2 Write about the pain points and challenges faced by the target audience in the [insert your niche] niche.	DAY 3 Write about the goals and aspirations of the target audience in the [insert your niche] niche.	DAY 4 Write about the buying habits and behavior of the target audience in the [insert your niche] niche.
DAY 5 Write about the values and beliefs of the target audience in the [insert your niche] niche.	DAY 6 Write about the motivators and objections to buying for the target audience in the [insert your niche] niche.	DAY 7 Write about the communication preferences of the target audience in the [insert your niche] niche.	DAY 8 Write about the level of knowledge and understanding of the niche for the target audience in the [insert your niche] niche.
DAY 9 Write persuasive copy for use in a sales letter highlighting the satisfaction guarantee for this product: [insert information about your product].	DAY 10 Write a piece that makes use of logical appeals to persuade the target audience to take action and purchase [niche/product]. Use this information: [insert additional information about your product or niche].	DAY 11 Write a P.S. as a secondary/reinforcing "call to action." [insert information about your product]	DAY 12 Write a persuasive text with the neurolinguistic programming technique of Positive Language to promote the product [insert information about your product].
DAY 13 Write a persuasive text with the copywriting framework AIDA (Attention, Interest, Desire, Action) to promote the product [insert information about your product].	DAY 14 Write a persuasive text with the copywriting framework PAS (Problem, Agitate, Solution) to promote the product [insert information about your product].	DAY 15 Write a persuasive text with the copywriting framework CLV (Customer Lifetime Value) to promote the product [insert information about your product].	DAY 16 Write a persuasive text with the copywriting framework USP (Unique Selling Proposition) to promote the product [insert information about your product].
DAY 17 Write a persuasive text with the copywriting framework PAIN (Problem, Agitate, Inspire, Navigate) to promote the product [insert information about your product].	DAY 18 Write a persuasive text with the neurolinguistic programming technique of Metaphors to promote the product [insert information about your product].	DAY 19 Write about the versatility of my product and how it can be used for multiple purposes [Enter information about your product].	DAY 20 Write a response that addresses the objection "I don't see the value in it." Use this information: [insert additional information about your product or niche].
DAY 21 Write a response that addresses the objection "I don't have the time for it." Use this information: [insert additional information about your product or niche].	DAY 22 Give me headline ideas with this structure: "How We Improved Our ___ by ___% In One Week" for this product: [insert information about your product].	DAY 23 Write about the eco-friendly and sustainable nature of my product and how it aligns with the customer's values [Enter information about your product].	DAY 24 Write about the convenience and time-saving benefits of using my product, improving the reader's quality of life. [enter information about your product]
DAY 25 Write a persuasive text to use testimonials from satisfied customers to demonstrate the effectiveness of my product for solving a problem: [enter information about your product].	DAY 26 Write a persuasive text to highlight the limitations and drawbacks of traditional solutions for a problem and present my product as a solution that works: [enter information about your product].	DAY 27 Write a text, to be added to the sales letter, telling the potential customer that if he does not take advantage of my offer, he will miss out on valuable bonuses [insert information about your product].	DAY 28 Write a call to action with the phrase "Act now and [benefit of product/service]" for this product: [insert information about your product].
DAY 29 Write a call to action with the phrase "Claim your spot now before it's too late" for this product: [insert information about your product].	DAY 30 Write about my company's history and mission, and how it relates to the problem I am solving. [Enter information about yourself and your experience in the subject].	Made by AI Fire. Find the high-quality version at AIFire.co	





HOW TO ACCESS IT

- Go to the settings menu in the bottom left corner of ChatGPT
- Click on Beta Features and turn on Code Interpreter
- Go back to the main screen, click on GPT-4, and select the Code Interpreter option.

SUGGESTED BASIC PROMPTS

- **Data Manipulation:** Filter the data to include only rows where the age is greater than 25, then sort by salary.
- **Data Cleaning:** Remove any duplicate entries and fill missing values in the 'age' column with the mean age.
- **Generate insights:** Run a basic analysis of the data and generate a list of insights.
- **Apply Formulas and Functions:** Create a custom formula and apply it to the data to generate total revenue by location.
- **Automation and Scripting:** Write a script to automate the monthly report generation process
- **Manipulate Styles and Formatting:** Change the font color of the 'total' column to blue and apply conditional formatting to highlight values above 1000.
- **Work with Multiple Sheets:** Access the second sheet in the workbook and calculate the sum of the 'expenses' column.
- **Save New Data:** Save the modified data to a new CSV file.

SUGGESTED ADVANCED PROMPTS

- **Machine Learning and Predictive Modeling:** Train a linear regression model using the features of age, experience, and predict the 'salary'.
- **Integrate with Databases:** Import data from a SQL database and merge it with existing data in a spreadsheet.
- **Location Analysis:** Create a pivot table summarizing sales by region and apply data validation rules to ensure accuracy in the quantity column.
- **Time Series Analysis:** Analyze the time series data for stock prices and identify seasonal trends.
- **Text Analysis:** Extract and analyze customer reviews from a column, identifying common positive and negative sentiments.
- **Conditional Operations:** Apply a 10% discount to the 'price' column for products in the 'electronics' category.
- **Integration with External APIs:** Fetch weather data from an external API and integrate it with sales data to analyze weather-related sales trends.
- **Batch Processing:** Write a script to process multiple CSV files in a directory, summarizing the sales data.
- **Data Transformation:** Normalize the values in the 'height' and 'weight' columns using min-max scaling.

VISUALIZATIONS TO GENERATE

Use prompt: Generate a [insert visualization] from the data.



LINE PLOT



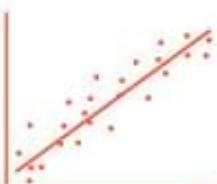
BAR CHART



PIE CHART



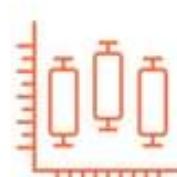
SCATTER CHART



CORRELATION CHART



HISTOGRAM



BOX PLOT



AREA CHART



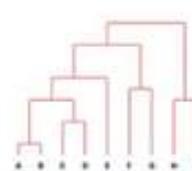
WORD CLOUD



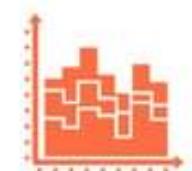
VENN DIAGRAM



RADAR CHART



DENDROGRAM



HEAT MAP



RIDGELINE PLOT



BUBBLE CHART



IN A NUTSHELL

ACCESS GUIDE

- 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."

YOUR FIRST ANALYSIS

- 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?"

YOUR FIRST GIF TO VIDEO

- 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 gif

- Step 3: Enjoy your video

CAPABILITIES

- Visualize any data set that you upload
- Conduct data analysis using that data Interpret key takeaways from the analysis
- Extract text from a PDF
- Turn images into GIFs and videos
- Write any code, including changing your existing code Generate QR codes
- Create new images like color palettes
- Analyze Stock Options
- Summarize PDF docs

EXTRA TIPS

- 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."

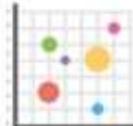
- Ask for hypotheses

Prompt: "Take a look at this data. What are some hypotheses about trends that you think would be interesting to explore?"

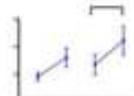
- Cluster data

Prompt: "Here's a file with customer data. Group these customers into clusters that help me understand their personas and purchase behaviors."

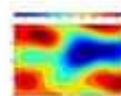
CHART TYPES



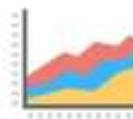
BUBBLE



ERROR



CONTOUR



AREA



SCATTER



KDE



BOX



HISTOGRAM



BAR



LINE



3D



JOINT



SURFACE



POLAR



PIE



CAT



PAIR



STRIP



SWARM



HEATMAP



HEXBIN

ChatGPT Cheat Sheet

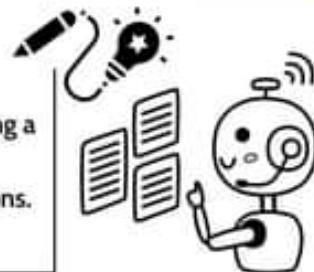
ChatGPT Role

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 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 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 Marketers

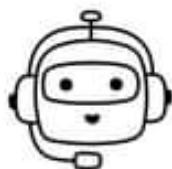
1. Can you provide me with some ideas for blog posts about [topic]?
2. Write a product description for my [product or service or company].
3. Suggest inexpensive ways I can promote my [company] without using social media.
4. How can I obtain high-quality backlinks to improve the SEO of [website name]?



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 special 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.



CHATGPT CHECKLIST



TECH TREND UPDATES

- Follow tech news sources
- Attend tech webinars
- Research emerging tech
- Experiment with new tech
- Analyze impact of new tech
- Apply new tech knowledge

SKILL DEVELOPMENT

- Identify a skill to develop
- Research learning resources
- Create a learning schedule
- Practice new skill regularly
- Evaluate skill progress
- Apply new skill

CRM ASSISTANCE

- Learn basics of a CRM
- Input customer data
- Track customer interactions
- Generate CRM reports
- Analyze CRM data
- Refine CRM strategies

PROJECT MANAGEMENT

- Define project goals
- Create a project plan
- Allocate resources
- Monitor project progress
- Adjust project plan
- Review project outcome

DATA VISUALIZATION

- Collect relevant data
- Choose appropriate visualizations
- Create a basic chart
- Refine and customize chart
- Present data visually
- Analyze visualized data

MARKETING INSIGHTS

- Research marketing trends
- Develop a marketing plan
- Implement marketing strategies
- Track campaign performance
- Analyze marketing data
- Adjust marketing strategies

CODING ASSISTANCE

- Learn a coding language
- Practice with simple projects
- Debug your code
- Write a complex program
- Test the program
- Refine and optimize code

TIME MANAGEMENT

- Prioritize tasks
- Create a schedule
- Break tasks into steps
- Track time spent on tasks
- Evaluate time management
- Adjust and improve

BUSINESS COMMUNICATION

- Draft a business email
- Edit for clarity and tone
- Use professional format
- Practice business calls
- Develop a presentation
- Present to a mock audience

INDUSTRY RESEARCH

- Identify industry of interest
- Research current trends
- Analyze competition
- Compile research findings
- Present findings
- Develop action plans

TASK AUTOMATION

- Identify repetitive tasks
- Develop automation plan
- Write automation script
- Test the script
- Implement automation
- Monitor and tweak as needed

DATA ANALYSIS

- Gather data
- Clean and format data
- Analyze data
- Interpret findings
- Create a report
- Present results

PROBLEM-SOLVING

- Identify a problem
- Research possible solutions
- Design an action plan
- Implement the plan
- Evaluate the results
- Adjust the plan if necessary

CONTENT CREATION

- Find popular content themes
- Develop a content calendar
- Write a blog post
- Edit and proofread content
- Publish and promote content
- Analyze content performance

AI BASICS

- Learn ChatGPT basics
- Practice with ChatGPT
- Create simple AI chatbot
- Explore advanced AI concepts
- Experiment with AI in business
- Keep updated on AI trends



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ChatGPT Developer Cheat Sheet

WRITING CODE

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 }}

EXAMPLES

- 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

DEBUGGING / TESTING

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 }}

EXAMPLES

- 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

UNDERSTANDING CODE

1. What does this code do? {{ CODE }}
2. Explain the purpose of this {{ LANGUAGE }} function {{ FUNCTION }}
3. What are the differences 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 }}

EXAMPLES

- 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?

TIPS

1. If you are generating lots of code and it doesn't finish, type "continue"
2. Give more context, get better results
3. 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

DOCUMENTING CODE

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

EXAMPLES

- Write instructions for running a .NET project to add to the README

REFACTORING CODE

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 }}

CODE REVIEW

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 }}

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ChatGPT: From Zero to Hero Cheat Sheet



KEY TERMS

Model: It's like the AI's brain that learned from lots of data.
Prompt: What you tell or ask the AI.
Input: What you provide to the AI, usually in the form of a prompt or question.
Output: The AI's response to your input.
Token: The smallest piece of text the AI can read. Could be a letter or a word.
Max Tokens: The total amount of text that the AI can handle at once.
OpenAI: parent company of ChatGPT.
Generative AI: category of AI that can "produce" content like text/images vs. specific tasks like predicting things.
Large language models: very big math equations that are very good at predicting the next word.
Prompt engineering: the "science" of sending the exact right messages to ChatGPT to get the output you want.

USEFUL CHATGPT PLUGINS (REQUIRES CHATGPT PLUS \$20/MONTH)



TONES

Using different tones can make the AI adaptable to various scenarios, enhancing its versatility.
Professional: Great for technical information, important updates where the user may appreciate directness and clarity.
Friendly: It helps users feel more comfortable and promotes engagement.
Enthusiastic: Great for motivating users, introducing new features, or when trying to create excitement.
Empathetic: Useful in customer support scenarios or any situation where the user may be frustrated.
Instructional: Empower users and help them to understand complex processes better.
Reassuring: Great for stressful situations or when delivering bad news.
Inspirational: Motivate users to take action, try new features, or engage more deeply with your product.
"Tone: [x]" "Write using a [x] tone" CONVERSATIONAL LIGHTEARTED PERSUASIVE SPARTAN FORMAL FIRM

FORMAT

"Be concise. Minimize excess prose."
"Use less corporate argon."
"Output as bullet points in short sentences."
"Output as a table with columns: [x], [y], [z], [a]"
"Be extremely detailed."

MODES

Intern: "Come up with new fundraising ideas."
Thought Partner: "What should we think about when generating new fundraising ideas? %"
Critic: "Here's a list of 10 fundraising ideas I created. Are there any I missed? Which ones seem particularly good or bad?"
Teacher: "Teach me about [x]. Assume I know [x] and adjust your language."

PROMPT STRUCTURES

The more specific the prompt is, the more desirable the outcomes will be

RTF: Role, Task, Format.
CTF: Context, Task, Format
RASCE: Role, Action, Steps, Context, Examples, Format
PECRA: Purpose, Expectation, Context, Request, Action.
TREF: Task, Requirement, Expectation, Format.
GRADE: Goal, Request, Action, Detail, Examples.
ROSES: Role, Objective, Scenario, Expected Solution, Steps
RDIREC: Role, Definition, Intent, Request, Example, Clarification Tone
RSCET: Role, Situation, Complication, Expectation, Task

Two methods to prompting:

- 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.

MISC. TIPS

Encouragement = better: "You are world class at marketing."
Scolding also = better: "Make this better/more insightful."
If the output is bad, add more detail/background info
Ask it to check its work: "Are there any topics you missed?"
Adjust temperature: Add "Temperature: x" to prompt. 1 = more creative (good for copywriting). 0 makes it more conservative (good for academic/formal).

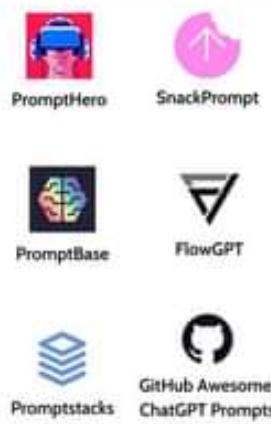
OTHER CHATBOTS



COMMANDS

Act as: Directs the AI to assume a specific role.
Brainstorm: Spark creativity and explore different design solutions.
Reverse Engineer: Deconstruct a design or process to understand its components and logic.
In Simple Terms: Communicate complex ideas to non-experts or clients.
Elaborate: Gain a deeper understanding of a concept, technique, or design principle.
List: Enumerate items, ideas, or steps.

PROMPT GENIUS



KEY USE CASES

Summarizing long text, transcripts, articles, reports
Brainstorming ideas, outlines, new concepts
Synthesizing insights and takeaways from text
Writing blog posts, articles, press releases, standard operating procedures, pretty much any type of text
Coding scripts and small programs
Extracting data and patterns from messy text
Reformatting text/data from messy text to tables/structure

ChatGPT: From Zero to Hero Cheat Sheet!

USEFUL CHATGPT EXTENSIONS



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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

KEYWORD METHODOLOGY

- 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

DATA DESCRIPTION METHODOLOGY

- 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.

MODEL SELECTION

GENERAL

- Write a Python code for model selection. Please include decision trees, random forests, logistic regression, or support vector machines (SVM).

TRAINING AND TESTING SETS

- Write a follow-up Python code to split the dataset into training and testing sets.

EVALUATION METRIC

- Try using Accuracy, F1 Score, and AUC score for model evolution in model selection section.

MLOPS

STREAMLIT APP

- 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.

MODEL DEPLOYMENT ON SPACES

- 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 in to your Hugging Face space account, and using the Hugging Face CLI to create and deploy your app.

FEATURE ENGINEERING

GENERAL METHOD

- Write a Python code to perform feature engineering

FEATURE ENGINEERING WITH COLUMNS

- Write a Python code for feature engineering using ['product_name', 'Ingredients', 'price', 'allergens', 'positive_reviews', 'positive_reviews'] columns. Please add only feature engineering part.

HYPERPARAMETER TUNING

MODEL EVALUATION

- 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.

HYPERPARAMETER TUNING

- Can you modify the above code to include hyperparameter tuning and save the best-performing model?

BAYESIAN OPTIMIZATION

- Can you write a Python code to tune hyperparameters using Bayesian optimization?

MLOPS

MODEL MONITORING

- 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.

AUTOMATION

- 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.

DATA PREPROCESSING

GENERAL

- Write a Python code to clean and preprocess the cosmetic dataset

DATA CLEANING

- Write a Python code to handle missing values and handling any outliers or anomalies in the data.

PREPROCESSING

- Write the Python code to convert categorical variables into numeric variables and scale/normalize the data.

CLASS IMBALANCE ISSUE

- Please address the class imbalance issue by either oversampling the minority class or undersampling the majority class.

EXPERIMENT TRACKING

SUGGESTION

- Can you suggest some popular tools for experiment tracking in machine learning projects?

EXPERIMENT TRACKING WITH MLFLOW

- 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.

TRACKING CODE, MODEL, AND DATASET

- 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.

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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	Ironic 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.

Analogies: 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.

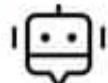
Call to action: Request a clear call to action or next steps.

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

Master ChatGPT
Prompt Guide

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more cheat sheets
and additional
Learning resources.



Master the LinkedIn Algorithm 2023

Secure 90% of Your Reach Cheat Sheet

PART I: NOTABLE ALGORITHM CHANGES

1. Content is pushed more to followers who aren't connections, especially if they've recently started following you.
2. Average reach for 97% of content creators has decreased by 15-45%.
3. Some content creators (3%) have seen an increase in reach by 50-120%.
4. Text posts, videos, and instant reposting receive more reach.
5. Document posts (PDFs), shared posts, and polls get less reach.
6. No more penalties for editing your post or commenting first on your own post.
7. Personal stories and long text posts (+ 1,000 characters) receive about 20% and 15% less reach, respectively.
8. Less impact of hashtags on post views and growth.
9. Tags (mentions) in comments without additional text from the author are treated as spam/negative impact.



PART II: STRATEGY FOR GREATER REACH

1. Content is most valuable when it's grounded in knowledge and advice and comes from people the users know and care about.
2. Posts sharing "knowledge and advice" are now prioritized throughout the platform.
3. Content must be directed towards a distinct audience and within the author's core subject area.
4. LinkedIn now rewards posts that get meaningful comments - actual responses to the content of the post, not just quick or empty comments.
5. Responding to the comments on your post is a positive sign and could get the post more attention.
6. Offering perspective and insights in your posts gets them more reach. Generic information is less rewarded.
7. Virality is not celebrated on LinkedIn. The platform focuses on reaching the right people, not just reaching a lot of people.



PART III: KEY TAKEAWAYS

1. LinkedIn is a digital platform, and occasional malfunctions can happen. Stay calm and consistent.
2. LinkedIn is not looking for viral content. It's looking for content that fosters community and shares unique knowledge.
3. Focus on producing quality content that provides value, rather than trying to game the system.

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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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Midjourney Prompt Cheat Sheet



Aspect Ratio (--ar)

Use: Changes width-to-height ratio of the image.
Prompt Parameter: --ar <width>:<height>
Values: Unlimited with MJ version 5 and 5.1
Midjourney Default: 1:1
Format Example: --ar 3:2 or --aspect 3:2

Version (--v)

Use: Changes the MJVersion the images are generated in.
Prompt Parameter: --v <value>
Value Range: 1-5
Midjourney Default: 5
Format example: --v 2 or --version 2

Quality (--q)

Use: Changes how much time is spent rendering the image.
Prompt Parameter: --q <value>
Value Range: 0.25-1
Midjourney Default: 1
Format example: --q .25 or --quality .5

Image Weight (--iw)

Use: Adjust importance of the image vs. text portion of the prompt.
Prompt Parameter: --iw <value>
Value Range: .25-2
Midjourney Default: .25
Format example: --iw 2

Stop (--stop)

Use: Finish a job partway through the process.
Prompt Parameter: --stop <value>
Value Range: 10-100
Midjourney Default: 100
Format example: --stop 50

Repeat (--r)

Use: Create multiple jobs for one prompt.
Prompt Parameter: --r <value>
Value Range: 1-40
Midjourney Default: 0
Format example: --r 4 or --repeat 4

No (--no)

Use: Removes unwanted elements.
Prompt Parameter: --no <subject>
Values: Any word representing a prompt element
Midjourney Default: N/A Dependent on user input.
Format Example: --no words or --no plants



Stylize (--s)

Use: Changes how "artistic" or stylized this image is.
Prompt Parameter: --s <value>
Value Range: 0-1000
Midjourney Default: 100
Example: --s 750 or --stylize 750

Chaos (--c)

Use: Changes how varied the image grids are.
Prompt Parameter: --c <value>
Value Range: 0-100
Midjourney Default: 0
Format example: --c 50 or --chaos 50

Tile (--tile)

Use: Generate images that can be used as patterns.
Prompt Parameter: --tile
Value Range: n/a
Midjourney Default: n/a
Format example: --tile



8 key tips for creating effective Midjourney prompts

- 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.
- 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.
- Use correct grammar:** From version 5, Midjourney utilizes Natural Language Processing (NLP), so full-sentence prompts with correct grammar can yield more coherent results.
- 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.
- 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).
- Avoid quality enhancement keywords:** Words like "photorealistic", "realistic", "ultra-detailed", "8K", etc., usually don't impact the generated images and may even obstruct the desired outcome.
- 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.
- 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.

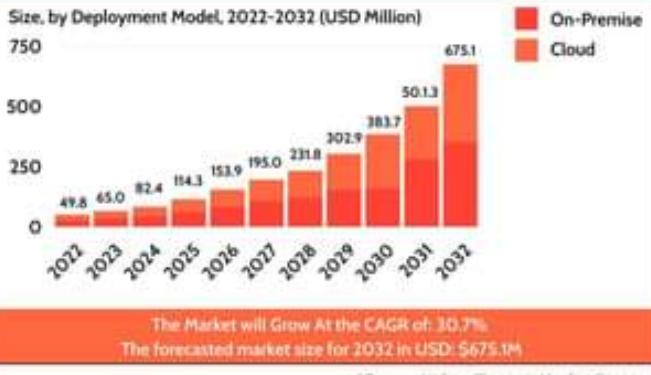
The AI Revolution: Landscape, Key Trends, and Growth Forecast in Generative AI



APPS				INFRASTRUCTURE			
CONSUMER USES				DEPLOY & MONITOR		Hugging Face	arize
Entertainment	character.ai	Midjourney				Weights & Biases	mosaicML PyTorch
Productivity	OpenAI ChatGPT	neeva		TRAIN & FINE TUNE MODELS			PyTorch
Other	trigo	Waabi		USE OPEN SOURCE MODELS & FRAMEWORKS		Hugging Face	Stanford Alpaca LLaMA
ENTERPRISE STACK				FULL STACK LARGE LANGUAGE MODELS	@OpenAI Cohere	ANTHROPIC character.ai	Inflection
General Productivity	ADEPT glean otome AlphaSense			HARDWARE	intel NVIDIA	AMD (etc.)	
General & Administrative	Ironclad Synthesia eightfold.ai			STORE & COMPUTE			
Sales & Customer Support	GONG RevComm Clari PolyAI			Label / Process Data	Snorkel scale	surge	COACTIVE
Marketing	Jasper	WRITER		Cloud Service Providers	Google Cloud	aws	Azure
EPD/IT/Security	Moworks Abnormal VECTRA GitHub Capital			Data Warehouses / Lakehouse	snowflake		databricks
INDUSTRY VERTICALS							
Law Firms	Harvey.						
Creative	runway Midjourney imogen descript						
Health	BAYESIAN insitro PathAI UNLEARN						
Defense	ANDURIL Shield AI SLINGSHOT VANNEVAR Labs						
Agriculture & Climate	Pachama FarmWise						
Construction	CANVAS						

*Source: Forbes

GENERATIVE AI IN LEGAL MARKET



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.

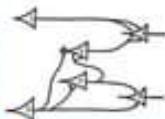
*SOURCE: Yahoo Finance, Market Research

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)		

The Evolution of AI

1943

McCulloch & Pitts publish a paper titled 'A Logical Calculus of Ideas Immanent in Nervous Activity', proposing the groundwork for neural networks.



1950

Turing publishes 'Computing Machinery and Intelligence', proposing the Turing Test as a way to measure a machine's ability.



1951

Marvin Minsky and Dean Edmonds build SNAR, the first neural network computer.



1974

The first AI winter begins, marked by a decline in funding and interest in AI research due to unrealistic expectations and limited progress.



1967

Newell and Simon develop the General Problem Solver (GPS), one of the first AI programs to demonstrate human-like problem-solving.



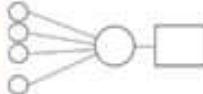
1965

Weizenbaum develops ELIZA: a natural language processing program that simulates conversation.



1957

Rosenblatt develops the Perceptron: the first artificial neural network capable of learning.



1956

The Dartmouth Conference (organised by McCarthy, Minsky, Rochester, and Shannon) is held, marking the birth of AI as a field of study.



1980

Expert systems gain popularity, with companies using them for financial forecasting and medical diagnoses.



1986

Hinton, Rumelhart, and Williams publish 'Learning Representations by Back-Propagating Errors', allowing much deeper neural networks to be trained.



Neural Networks

Machine learning models that mimic the brain, learning to recognize patterns and make predictions via artificial neuron connections

1997

IBM's Deep Blue defeats chess world champion Kasparov, marking the first time a computer beats a world champion in a complex game.



Natural Language Processing
Teaches computers to understand and use human language using techniques like machine learning

2015

AlphaGo, developed by DeepMind, defeats world champion Lee Sedol in the game of Go.



2012

Facebook creates DeepFace, a facial recognition system that can recognise faces with near-human accuracy.



2012

AI startup DeepMind develops a deep neural network that can recognize cats in YouTube videos.



DeepMind
Was acquired by Google in 2014 for \$500 million

2011

IBM's Watson defeats two former Jeopardy! champions.



2002

iRobot introduces Roomba, the first mass-produced domestic robot vacuum cleaner with an AI-powered navigation system.



2017

Google's AlphaZero defeats the world's best chess and shogi engines in a series of matches.



2020

OpenAI releases GPT-3, marking a significant breakthrough in natural language processing.



2021

DeepMind's AlphaFold2 solves the protein-folding problem, paving the way for new drug discoveries and medical breakthroughs.



2022

Google fires engineer Blake Lemoine over his claims that Google's Language Model for Dialogue Applications (LaMDA) was sentient.



2023

Artists file a class-action lawsuit against Stability AI, DevianArt, and Mid-journey for their use of Stable Diffusion to remix the copyrighted works of millions of artists.



THE GENERATIVE AI STARTUP LANDSCAPE



TRANSLATION



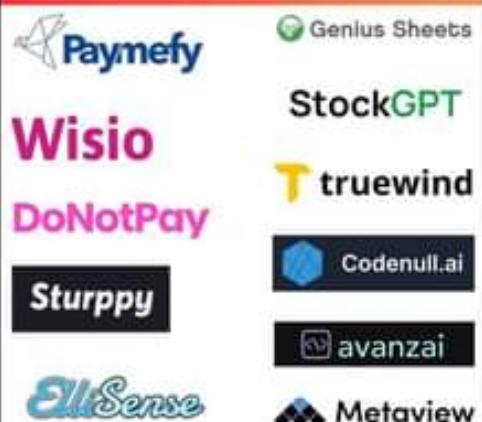
INSPIRATION



PODCASTING



FINANCE



GAMING



RESEARCH



VIDEO EDITING



SEO TOOLS



COPYWRITING



CODE



DATA



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TOP
10

AI CHROME EXTENSIONS FOR DATA SCIENTISTS



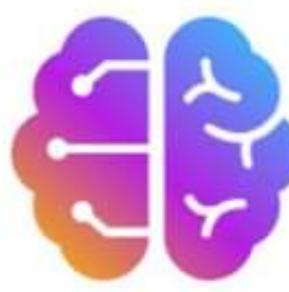
Fireflies



AIPRM



Codeium



Sider



CatalyzeX



SpiSpace
Copilot



Originality.AI



CodeSquire.ai



Data Scraper



Grammarly GO

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**TOP 10 CHATGPT PLUGINS
FOR DATA SCIENCE**

Bing



Webpilot



ScholarAI



Wolfram



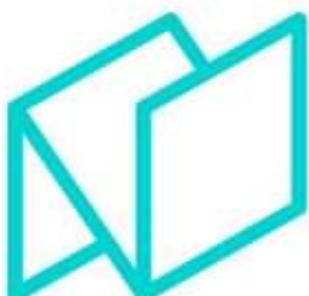
Code Interpreter



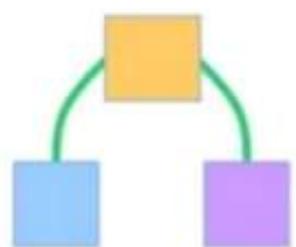
ChatWithGit



Link Reader



Noteable



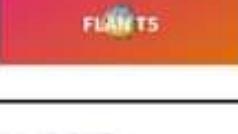
Show Me



Zapier

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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 trained 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: Balize 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 down 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 (lmsys.org)
OpenChatKit 	<p>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.</p> <p>As we can see, the GPT-NeoXT-Chat-Base-20B model has outperformed base model GPT-NeoX on question and answer, extraction, and classification tasks.</p> <p>Resources:</p>	<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 	<p>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 Alpaca, Colossal-AI, CTranslate2, and FasterTransformer to get even better results.</p> <p>Note: It is on the list because of its popularity, as it has 624,710 monthly downloads in the text generation category.</p>	<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 Lim 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 QASST1 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

TOP 25 AI VIDEO GENERATORS 2023

AI
AIFIRE.CO



Invideo



Synthesia



Reface



DeepBrain



Hour One



D-ID



Rephrase



Fliki



Tavus



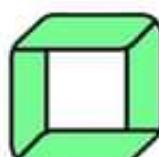
Vidyo AI



Colossyan



Yepic AI



Metaphysic



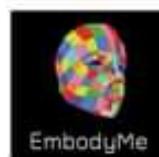
Typecast



Pictory



HeyGen



EmbodyMe



Synthesys



Veed



Elai



SoulMachines



Movio



FlexClip



Wombo



Wave Video

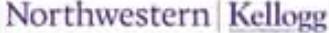
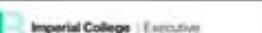
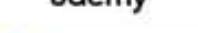
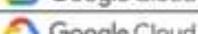
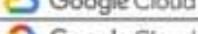
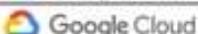
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TOP
30

BEST ONLINE COURSES IN ARTIFICIAL INTELLIGENCE FOR 2023 - LATEST UPDATE

AI
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Rank	Provider	Logo	Description	Link
1	Artificial Intelligence Specialization In Business Strategy MIT Management Executive Education		A step-by-step guide designed to teach you the fundamental concepts of AI and its business applications to better business strategies. Learn an AI growth 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. Gain strategic competencies and turn valuable recognition from an international selection of universities.	https://mitx.mit.edu/online-programs/ai-business-strategy/
2	Artificial Intelligence Specialization In Machine Learning PURDUE UNIVERSITY		A practical introductory program that will take you on a learning journey to help you cultivate your career in AI. Deep learning, and Machine learning. Learn about multiple AI-based techniques, 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 artificial neural networks and neural layers of data abstraction with tools like TensorFlow and PyTorch. Know about the concept of AI, feature engineering, automated speech recognition, speech-to-text conversion, text-to-speech conversion, and voice content delivery.	https://www.psuonline.com/courses/machine-learning-certification-training-course/
3	Artificial Intelligence Specialization Northwestern Kellogg School of Management		Learn how machine learning can revolutionize operations and develop AI models accordingly. Multiple case studies that will help you get a better understanding of the challenges faced in the real world. Get answers to your queries from a dedicated support team. Complete the exercises and get feedback on your performance. Which tool is best for which task? Know the exam and at least 80% or even the certification.	https://online.kellogg.northwestern.edu/artificial-intelligence
4	Artificial Intelligence Specialization In Machine Learning Berkeley ExecEd		Designed with a hands-on approach that will help you build a bridge between engineering and technical aspects of AI with business applications. Learn how to integrate AI into your business strategy and how to evaluate the appropriateness of a business application. Gain knowledge of the fundamentals of AI and other types of machine learning algorithms such as neural networks and reinforcement learning. Build your industry credibility by obtaining a certificate of completion from UC Berkeley Executive Education. Gain continuous support and assistance from the world-class faculty who will help you understand the critical concepts.	https://executive.berkeley.edu/courses/technical-artificial-intelligence
5	Designing and Building AI Products and Services MIT xPRO		A well-structured program to help you learn the earliest stages of designing AI-based products to build a broad understanding of data analytics. Gain knowledge of the fundamentals of the machine and deep learning algorithms while applying the insights to solve practical problems. Improve your overall understanding of AI through fundamental and basic skills using engineering design processes. Learn to differentiate between machine learning algorithms, design AI products to solve organizational issues, and apply machine learning methods. Be able to assess AI opportunities in various fields like healthcare, IT, and education.	https://xpro.mit.edu/design-and-building-building-products-services
6	Artificial Intelligence & Practical Learning Program Caltech CTME		A well-structured and recognized curriculum that will take you on an exclusive tour for MITx's AI Practical Lab and Caltech's Robotics Lab. Complete your AI & ML skills by receiving a program completion certificate from EdX (MITx) and MIT certificates for IBM courses. Gain up to 12 CMEU from Caltech CTME and Caltech-CTME Circle Mentoring on the completion of the programs. Learn about several technologies, including deep learning, NLP, neural networks, speech-recognition, and computer vision.	https://ctme.caltech.edu/ai-machine-learning-bootcamp-online-certification-course
7	Machine Learning & Certification Stanford University		Understand parameters and learn parametric algorithms, clustering, dimensionality reduction among other important topics. Gain best practices and derive them from the classroom. Interact with your peers in a community of like-minded learners from all levels of experience. Their world-class case studies give you the opportunity to understand how problems are solved on a daily basis. Practice through quizzes allows you to learn at your own pace. Learn to apply learning algorithms to build smart robots, automated text, audio, database mining.	https://www.stanford.edu/courses/ai-machine-learning
8	Artificial Intelligence Specialization IBM		Learn how to utilize the popular machine learning and deep learning libraries like Scikit-Learn, PyTorch, etc. Learn how TensorFlow is applied to building problems involving your analysis, object recognition, natural language processing, and other types of classifiers. Dive into the technical concepts of machine learning with an approachable programming language, Python. Obtain the skills to scale data science and machine learning tasks in Big Data sets using Apache Spark. Be able to build, train, and deploy different types of deep architectures, as well as convolutional networks, recurrent networks, and autoencoders.	https://www.ibm.com/developerworks/ai-professional-certification-engineer
9	Artificial Intelligence Specialization In Machine Learning Imperial College London Business School		Learn about the latest trends, techniques, and applications to stay ahead of the curve and gain better growth experiences. Identify the power of data and evaluate how machine learning based solutions can be implemented practically and deliver value-adding changes. Interact with a community of advanced learners and professionals that will grow your competitive edge. Gain a verified digital certificate of completion from Imperial College Business School Executive Education to enhance your career growth.	https://online-imperial.ac.uk/professional-certificate-ai
10	Artificial Intelligence Courses 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. Designed and assessed by expert instructors of AI who assist you on every stage of learning. Avoid insights like machine learning, neural networks, and more, and practice exams to reinforce your skills and test your knowledge in the subject. Learn AI-like Python programming, machine learning, deep learning, neural networks, TensorFlow, and much more.	https://www.udemy.com/courses/ai/intelligent
11	Deep Learning for Everyone DeepLearning.AI		Understand what it is like to build machine learning and data science projects. Break out-of-the-box machine learning and build projects in your company. No prior experience required. The course is designed for everyone with any level of experience. The difficulty of the classes can be adjusted as per prior knowledge.	https://deepai.org/courses/engineering-for-everyone
12	Machine Learning & Deep Learning Specialization Carnegie Mellon University		A comprehensive learning program ideally designed for individuals who have Python programming experience and want to expand their knowledge in ML algorithms. Learn how to work with analytics in a code-free environment with the responsibility of publishing reports. Learn how to implement machine learning components to generate functional models for the prediction of unseen data. Be able to implement and analyze learning algorithms for classification, regression, and clustering. Create projects in TensorFlow, PyTorch, and Keras. Complete the course assignments and assignments as per your schedule to earn the specialization completion certificate.	https://www.cmu.edu/cees/online-machine-learning
13	Deep Learning for Everyone DeepLearning.AI		Learn about convolutional networks, RNNs, Recurrents, Dropout and more. The course will help you learn different techniques using which you can build models to solve real-life problems. Real-world case studies in fields such as automotive driving, NLP, language modeling, music generation, and natural language processing are covered. Gain best practices and advice from industry experts and leaders. Complete the course assignments and assignments as per your schedule to earn the specialization completion certificate.	https://deepai.org/courses/ai/deep-learning
14	Introduction to Artificial Intelligence IBM		Learn and understand AI concepts and useful terms like machine learning, deep learning, and neural networks. No prior knowledge of programming or computer science required to start in this course. Not just theory, but also practical learning, practical assignments, and real-life scenarios. IBM has over 100 professional certificates after finishing the course. 100% flexible course with no deadlines and freedom to study from your own pace.	https://www.ibm.com/ibm/training/introduction-to-ai
15	The Business of AI Coursera		A valuable program to help you tap into data with AI technology. Understand different applications of AI and learn how to implement it in your business to reduce costs. Learn how to use tools for developing a relationship with real customers and managing cash flows with a pay-as-you-grow model. Be able to anticipate positive and negative outcomes that you may encounter while applying AI applications in your organization, and learn how to anticipate and prevent potential problems.	https://www.coursera.org/programs/business-of-ai
16	Introduction to Artificial Intelligence DeepLearning.AI		This lesson can be taken by anyone who has prior experience in Python. The instructor helps you to work with the fundamental terms with the help of examples. Build a basic neural network and train it in a computer vision application. Gain knowledge of how to work with neural networks and deep learning. The training consists of tips and techniques along with assignments.	https://deepai.org/courses/ai/introduction-to-deeplearning
17	Business and AI Udacity		Learn from a team of expert instructors who designed this course keeping end-user requirements in mind. Gain foundational knowledge of machine learning and artificial intelligence, and learn how to develop a business case for AI projects. Learn how to create a high-quality data set and train data fits in a particular use-case. A flexible learning program that allows you to learn from year to year based on your needs. End-user courses include profile review, certificate, and interview preparation classes.	https://www.udacity.com/commerce/product-manager-nanodegree-nd014
18	Artificial Intelligence Specialization UDACITY		One of the best platforms to get started with AI and ML courses. Get a clear understanding of AI and ML concepts. Learn how to implement AI and ML projects in real-life scenarios. Learn how to work with TensorFlow and PyTorch frameworks. AI and ML-related projects designed by industry experts to master prior skills. Get a Certification of Completion with every course that you complete.	https://www.udacity.com/ai
19	Deep Learning Specialization edX		A variety of courses to choose from based on your knowledge and requirements so it helps you learn core concepts. Know about the fundamentals of AI, Machine learning, Statistics, and how they are used in the upcoming time. Understand common concepts such as probability, natural language processing, recommendation, data science, and many other disciplines. Learn how to implement various models such as linear and logistic regression, and understand supervised learning techniques. Take guidance and help from instructors of top institutions who will assist you at every step of learning.	https://www.edx.org/learn/deep-learning
20	Artificial Intelligence Udemy		As AI is a beginner-level 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 virtual self-driving car and its optimization. Continuous support from the instructors and doubt clarifications. 213 Lectures + 14 Articles + Full lifetime access. Complete guidance to perform all the necessary configuration and installations.	https://www.udemy.com/courses/ai/ethical-intelligence-ai/
21	Introduction to Generative AI Google Cloud		Designed to be an overview of what generative AI is and how it differs from machine learning methods.	https://cloud.google.com/generative-ai/samples/111
22	Introduction to Generative Models Google Cloud		Explore what large language models are, when they are used, and how to use prompt tuning. If you haven't learned, prompt writing is being tested as a skill of the future right now! (1 Article)	https://cloud.google.com/generative-ai/samples/111/111
23	Introduction to Reinforcement Learning Google Cloud		An ethical course on what responsible AI is. How AI is implemented in Google products, and why it's important. This course introduces Google's 7 AI Principles. I didn't know AI was a thing, but there's a whole page devoted to it. Covering topics from social responsibility, to safety, accountability and privacy design principles. I was happy to see that there's a lot of effort being put in to build AI principles.	https://cloud.google.com/generative-ai/samples/111/111
24	Introduction to Generative Models Google Cloud		A quick learning topic from the first three resources.	https://cloud.google.com/generative-ai/samples/111/111
25	Introduction to Reinforcement Learning Google Cloud		An introduction to diffusion models which are a family of models used in image generation. Some pre-existing knowledge of machine learning, deep learning, convolutional neural networks, and Python programming is suggested.	https://cloud.google.com/generative-ai/samples/111/111
26	Artificial Intelligence Google Cloud		Overview of a machine learning architecture for radii-like machine translation, text summarization, and question answering. Python and TensorFlow knowledge is suggested as a prerequisite.	https://cloud.google.com/generative-ai/samples/111/111
27	Machine Translation Google Cloud		A module that covers neural networks to focus on specific parts of an input response. Some pre-existing knowledge of machine learning, deep learning, natural language processing, and Python programming is suggested.	https://cloud.google.com/generative-ai/samples/111/111
28	Transformers and BERT Model Google Cloud		Reinforcement Rewards Representations from Transforms, this is what BERT stands for in case you didn't know. You'll learn the main components of the Transformer architecture and understand how learning experience as well as knowledge of Python and TensorFlow are recommended.	https://cloud.google.com/generative-ai/samples/111/111
29	Image Generation Project Google Cloud		How to create an image captioning model using deep learning. Deep learning, machine learning, natural language processing, computer vision and Python are recommended prerequisites.	https://cloud.google.com/generative-ai/samples/111/111
30	Generative Adversarial Networks Google Cloud		You'll walk through details of the Generative AI Studio which helps prototype and showcase generative AI models. There's a hands-on lab at the end.	https://cloud.google.com/generative-ai/samples/111/111

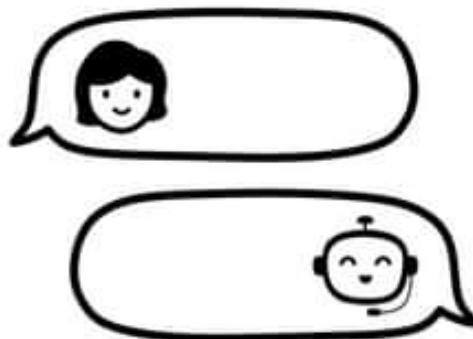
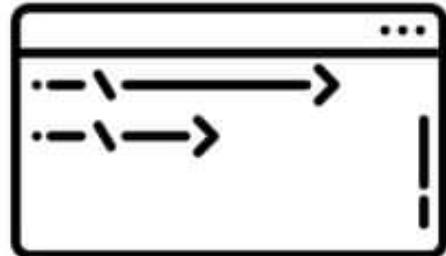
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1. Create a sequence of follow-up emails after a trade show or event.
2. Provide tips for building and maintaining strong relationships with clients.
3. Help me brainstorm unique selling propositions for product X.
4. Generate a pitch for selling our 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.



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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more cheat sheets.
and additional
Learning resources.

TOP 12 SOCIAL MEDIA TOOLS YOU CAN NOT MISS IN 2023



InVideo



2short.ai



Pictory



Durable



Synthesia



Stockimg



anyword

Anyword



Bard



Bing



Runway



Tome



Taplio

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and additional
Learning resources.

TOP 12 AI SPEECH GENERATION TOOLS



Murf



Whisper



Voicemod



Sumly.AI



Speechify



ElevenLabs



AssemblyAI



Vidby



Deepgram



Wondercraft



respeecher



VoicePen

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UNDERSTANDING DATA SCIENCE

1

DEPLOY

- AWS
- Azure

2

PROGRAMMING LANGUAGE

- Python
- R
- JAVA

3

MATH

- Linear Algebra
- Statistics
- Differential Calculus

4

IDE

- Pycharm
- Jupyter
- Colaboratory
- Spyder
- R-Studio

5

MACHINE LEARNING

- Classification
- Regression
- Reinforcement Learning
- Deep Learning
- Dimensionally Reduction
- Clustering

6

DATA VISUALIZATION

- Tableau
- Power BI
- Matplotlib, GG plot
- Seaborn

7

DATA ANALYSIS

- Feature Engineering
- Data Wrangling
- EDA

8

WEB SCRAPING

- Beautiful Soup
- Scrapy
- URLLIB

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 automate 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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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

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

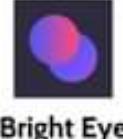


DESIGNS.MI



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

NightCafé

NightCafe Studio



Playground AI



Pixelicious



PlayArti



Fy!Studio

VIDEO GENERATOR TOOLS

Lumiere3D

Lumiere 3D



Shuffl



Fliki



Synthesie



Gen-2 by Runway



Reemix.co

Made by **AI Fire**.Find the high-quality version at AIFire.co



PRODUCT SENSE AND BUSINESS APPLICATIONS

SELECTING THE METRIC

How do I measure the impact of a search toolbar change, which metric would you use?

PRODUCT EVALUATION

- Can you help me evaluate the performance of the AI chatbot for customer service?

BUSINESS APPLICATION

- How do I use my data science skills to create a fraud detection application?

CHURN RATE

- Explain to me the process of predicting churn rate.

PRODUCT ANALYST

- How do I answer: What are your strongest skills as a product analyst?

STATISTICS AND PROBABILITY

SELECTION BIAS

- What is selection bias and how do I identify and mitigate it?

NULL HYPOTHESIS

- Act as a data science tutor and explain a null hypothesis with multiple examples.

Z & T SCORE

- Can you explain the difference between a Z-score and a T-score?

Keep the explanation beginner-level.

PROBABILITY

- 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?

DATA MANAGEMENT

DATA MANAGEMENT INTERVIEW SESSION

How do I prepare for the Data Management interview session for Data Scientist position? Also add samples questions.

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.

MODEL DEVELOPMENT

TRAIN REGRESSION MODEL

- 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.

HYPERPARAMETER TUNING

- I have a logistic regression model, write Python code to tune hyperparameters.

IMBALANCE DATA

- I have an imbalanced dataset with target column species. In python, how do I oversample and/or undersample my data?

EXPLAIN THE MODEL

- I have trained a LightGBM model. Write a Python code to explain the output using a series of plots with Shap

FAANG QUESTIONS

GENERAL

- Act as a data scientist at Google AI and tell me what skills, experiences, and qualities are required to secure the position.

HYPOTHESIS TESTING

- 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.

ALGORITHMS

- Describe decision trees, SVMs, and random forests. Talk about their advantage and disadvantages.

ACTIVATION FUNCTION

- Explain why Rectified Linear Unit has a good activation function to a Project Manager.

MISSING VALUES

- How do I handle NULLs when querying a data set? List all of the methods.

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

The ChatGPT Cheat Sheet



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. PDF
- 13. XML
- 14. Markdown
- 15. Gantt Chart
- 16. 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].

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 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"

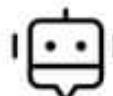
Prompts for Designers

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.





Visit [AIFire.co](#) for
more cheat sheets,
and additional
Learning resources.

12 NEW AI WEBSITES YOU CAN NOT MISS IN 2023



ChatGPT



Midjourney



Jasper



Durable



Synthesia



Stockimg

anyword

Anyword



Bard



Bing



Runway



Tome



Fireflies

Made by [AI Fire](#).

Find the high-quality version at [AIFire.co](#).