

200+ ACTIONABLE PROMPTS

10 CATEGORIES

AI PRACTITIONER'S REFERENCE

Prompt Engineering Cheat Sheet

A comprehensive, professionally curated collection of **200+ practical AI prompts** organized across 10 high-impact categories designed to help prompt engineers, developers, educators, content creators, and AI practitioners unlock the full potential of large language models. Every prompt is concise, actionable, and ready to use in real-world applications.

Author : Syed Sajid Ul Haq

Email: syedsajidulhaq@gmail.com

Publisher: CrescaDemy

Website: <https://crescademy.netlify.app/>

How to Use This Cheat Sheet

This cheatsheet is structured as a quick-reference guide for professionals working with AI language models across diverse domains. Each of the 10 categories contains 20330 carefully crafted prompts that are immediately usable 4 simply copy, paste, and customize with your specific context, data, or requirements. The prompts are designed to work with leading AI models including GPT-4, Claude, Gemini, and similar systems.

To get the best results, treat each prompt as a **template**. Replace bracketed placeholders like [topic], [audience], or [language] with your actual content. The more specific your inputs, the more precise and useful the AI's output will be. Consider adding role assignments (e.g., "Act as a senior data scientist") and output format instructions (e.g., "Respond in a table with three columns") to further sharpen results. These prompts are organized by use case, not by difficulty. Whether you are a beginner exploring AI for the first time or an advanced practitioner building production workflows, you will find immediately applicable prompts in every section. Bookmark this document, share it with your team, and return to it whenever you need a reliable starting point for any AI interaction.

Copy & Paste

Every prompt is ready to use. Copy directly into your AI interface and start generating results immediately.

Customize

Replace bracketed placeholders with your specific context, data, audience, or domain for tailored outputs.

Iterate

Refine prompts based on AI responses. Add constraints, tone, or format instructions to sharpen results.

Share

Distribute this cheat sheet to your team, students, or colleagues to standardize AI usage across your organization.

Category 1: Text Generation & Summarization

30 PROMPTS

Text generation and summarization are among the most fundamental capabilities of modern AI language models. Whether you need to condense a lengthy research paper into a digestible abstract, generate structured reports from raw notes, or create clean executive summaries for stakeholders, these prompts will help you extract maximum value from AI text processing. Use these prompts as starting points and refine them with your specific content and audience requirements.

Summarization Prompts

1. Summarize the following text in exactly 3 sentences: [paste text]
2. Create a bullet-point summary of this article with no more than 5 key takeaways: [paste text]
3. Write a one-paragraph executive summary suitable for a CEO audience: [paste text]
4. Summarize this document for a 10-year-old reading level: [paste text]
5. Extract the top 5 most important facts from this text: [paste text]
6. Condense this 2000-word article into a 150-word abstract: [paste text]
7. Write a TL;DR summary for a Reddit audience: [paste text]
8. Create a 3-level hierarchical summary: main idea, supporting points, and details: [paste text]
9. Summarize this text in the style of a news headline and subheading: [paste text]
10. Generate a 5-bullet executive briefing from this report: [paste text]
11. Summarize the following in a single tweet (280 characters max): [paste text]
12. Create a summary table with columns: Topic, Key Point, and Implication: [paste text]
13. Write a one-sentence hook that captures the essence of this text: [paste text]
14. Summarize this meeting transcript into action items and decisions: [paste text]
15. Create a "Key Insights" section (max 200 words) from this research paper: [paste text]

Text Generation Prompts

1. Write a professional email response to: [describe situation]
Generate 10 creative titles for an article about [topic]
3. Write a formal apology letter for [situation] in a professional tone
4. Expand this outline into a 500-word article: [paste outline]
5. Generate 5 FAQs with answers for a product about [topic]
6. Write a product description (100 words) for [product name]: [features]
7. Create a press release announcing [news/event]
8. Write a LinkedIn post about [topic] with a professional yet engaging tone
9. Generate a comparison table between [Option A] and [Option B]
10. Write a step-by-step how-to guide for [task]
11. Create a script for a 2-minute explainer video about [topic]
12. Write a formal business proposal introduction for [service/product]
13. Generate 10 engaging social media captions for [brand/product]
14. Write a cover letter for a [job title] position at [company]
15. Generate a structured report outline on [topic] with 6 sections

Category 2: Content Writing & Blogging

25 PROMPTS

Content writing and blogging remain among the highest-leverage applications of AI for marketers, publishers, and business owners. From SEO-optimized articles and long-form blog posts to newsletter copy and social media content, AI can dramatically accelerate your content production pipeline. These prompts are designed to help you generate high-quality, audience-targeted content while maintaining your unique voice and brand identity. Use them to overcome writer's block, scale content output, or explore new content formats.

Blog Post Creation

1. Write a 1,200-word SEO-optimized blog post about [topic] targeting the keyword "[keyword]"
2. Create a blog post outline with H2 and H3 headings for [topic]
3. Write an engaging introduction (150 words) for a blog post about [topic]
4. Write a compelling conclusion with a call-to-action for a blog post about [topic]
5. Generate 10 blog post ideas for a [niche] website targeting [audience]
6. Write a listicle-style blog post: "10 Ways to [achieve goal]"
7. Create a "Beginner's Guide to [topic]" with step-by-step instructions
8. Write a thought leadership article about [industry trend] for [publication]
9. Generate a how-to blog post with screenshots and descriptions for [task]
10. Write a case study blog post about [company/success story]

Content Optimization & Repurposing

1. Rewrite this paragraph to be more engaging and conversational: [paste text]
2. Convert this blog post into a 5-part email newsletter series: [paste content]
3. Write 5 social media posts (Twitter, LinkedIn, Instagram) based on this article: [paste article]
4. Turn this long-form content into a short-form video script (60 seconds): [paste content]
5. Rewrite this content for a different audience: [original audience] → [new audience]: [paste text]
6. Generate 10 meta descriptions (155 characters each) for a blog post about [topic]
7. Create an FAQ section (5 Q&As) for this blog post: [paste content]
8. Write a compelling headline and subheadline for this article: [paste article]
9. Convert this technical content into layman's terms for a general audience: [paste text]
10. Write a content brief for a freelance writer on the topic of [topic]

Newsletter & Email Content

1. Write a weekly newsletter intro (100 words) about [topic] in a friendly tone
2. Create an email subject line A/B test (5 options each) for [campaign]
3. Write a product launch announcement email for [product]
4. Generate a re-engagement email for inactive subscribers
5. Write a welcome email sequence (3 emails) for new subscribers to [brand]

Category 3: Coding & Programming Assistance

30 PROMPTS

AI has transformed the way developers write, debug, and understand code. These prompts cover the full spectrum of programming assistance from generating boilerplate code and writing unit tests to explaining complex algorithms and conducting code reviews. Whether you are a junior developer learning a new language or a senior engineer looking to accelerate your workflow, these prompts will help you leverage AI as a powerful pair programmer. Always review AI-generated code before deploying it to production.

Code Generation & Debugging

1. Write a Python function that [describe function purpose] with error handling
2. Generate a [language] script to [task] with inline comments explaining each step
3. Debug this code and explain what's wrong: [paste code]
4. Write unit tests for this function using [testing framework]: [paste code]
5. Convert this [language A] code to [language B]: [paste code]
6. Write a SQL query to [describe data retrieval task]
7. Generate a REST API endpoint in [framework] for [resource]
8. Write a regex pattern to match [describe pattern]
9. Create a [language] class for [object] with methods for [operations]
10. Write a bash script to [automation task]
11. Generate a Dockerfile for a [language] application with [dependencies]
12. Write a GraphQL query and mutation for [data model]
13. Create a responsive CSS layout for [design description]
14. Write a JavaScript function to [task] using modern ES6+ syntax
15. Generate a database schema for [application type] with [tables]

Code Review, Explanation & Learning

1. Review this code for security vulnerabilities: [paste code]
2. Explain what this code does in plain English: [paste code]
3. Suggest 5 improvements to make this code more efficient: [paste code]
4. Explain the time and space complexity of this algorithm: [paste code]
5. What design pattern is being used here? [paste code]
6. Write documentation (docstrings) for this module: [paste code]
7. Explain this error message and how to fix it: [paste error]
8. Compare [approach A] vs [approach B] for solving [problem]
9. Write a README file for this GitHub project: [describe project]
10. Suggest a better variable naming convention for this code: [paste code]
11. Explain how [concept/algorithm] works with a real-world analogy
12. What are the best practices for [framework/language] in 2024?
13. Write a code comment explaining this complex logic: [paste code]
14. Generate a technical interview question about [topic] with solution
15. Create a learning roadmap for becoming a [role] developer in 6 months

Category 4: Data Analysis & Visualization

21 PROMPTS

Data analysis and visualization are critical skills for turning raw information into actionable insights. AI can assist you at every stage of the data workflow from cleaning and preprocessing datasets to generating statistical summaries, identifying trends, and recommending the right visualization types. These prompts are designed for analysts, data scientists, business intelligence professionals, and anyone who works with data. Pair these prompts with tools like Python (pandas, matplotlib, seaborn), R, or SQL for maximum impact.



Data Exploration & Cleaning

1. Analyze this dataset and identify the top 5 trends: [describe or paste data]
2. Write a Python pandas script to clean this dataset: [describe issues]
3. Identify outliers in this data and suggest how to handle them: [paste data]
4. Generate descriptive statistics (mean, median, std dev) for this dataset: [data]
5. Write SQL queries to aggregate and summarize this data: [describe schema]
6. Suggest data transformations needed before analysis: [describe dataset]
7. Check this dataset for missing values and recommend imputation strategies



Visualization & Charting

1. Recommend the best chart type to visualize [data type] and explain why
2. Write a matplotlib/seaborn code to create a [chart type] for this data: [data]
3. Create a data visualization storyboard for presenting [findings] to [audience]
4. Write a Plotly interactive chart code for [dataset]
5. Design a dashboard layout for tracking [KPIs] with [tool]
6. Generate a Tableau calculated field for [metric]
7. Write a D3.js snippet to create a [chart type] visualization



Insights & Reporting

1. Write a data analysis report (500 words) based on these findings: [findings]
2. Generate 5 actionable business insights from this data: [describe data]
3. Explain the correlation between [variable A] and [variable B] in simple terms
4. Write an executive summary of this data analysis for non-technical stakeholders
5. Identify the key drivers of [outcome] based on this dataset: [data]
6. Create a hypothesis and testing framework for [business question]
7. Write a statistical interpretation of these regression results: [paste results]

Pro Tip: When working with sensitive or proprietary data, never paste raw datasets directly into public AI tools. Instead, describe the data structure, column names, and statistical properties without including actual values. Use anonymized or synthetic data for prompt testing.

Category 5: Creative Writing & Storytelling

25 PROMPTS

Creative writing is one of the most exciting frontiers for AI assistance. Whether you are a novelist developing characters, a screenwriter structuring a plot, a poet exploring new forms, or a game designer crafting immersive worlds, AI can serve as a tireless creative collaborator. These prompts help you generate ideas, overcome writer's block, develop narrative structures, and refine your prose. Use them to explore new creative directions, experiment with different styles, or accelerate your drafting process.

Story & Narrative Development

1. Generate 5 unique story ideas in the [genre] genre with a twist ending
2. Create a detailed character profile for a [role] in a [genre] story
3. Write a three-act story structure for a story about [premise]
4. Develop a world-building guide for a fantasy setting with [elements]
5. Write the opening chapter of a novel about [topic] in the style of [author]
6. Create a plot outline for a mystery novel with 5 plot twists
7. Write a dialogue between [Character A] and [Character B] about [conflict]
8. Generate 10 writing prompts for a short story collection about [theme]
9. Write a scene where [character] faces their greatest fear
10. Create a backstory for a villain who believes they are the hero

Poetry, Scripts & Creative Formats

1. Write a sonnet about [topic] in Shakespearean style
2. Create a screenplay scene (2 pages) for [scenario] in [genre]
3. Write a haiku series (5 haikus) about [theme]
4. Generate a monologue for a [character type] in a [setting] setting
5. Write a flash fiction story (300 words) with an unexpected ending
6. Create a podcast script for an episode about [topic] (10 minutes)
7. Write a spoken word poem about [social issue]
8. Generate a fairy tale with a modern twist about [lesson]
9. Write a letter from [historical figure] to a modern-day person
10. Create a choose-your-own-adventure story outline with 3 branching paths

Editing & Style Enhancement

1. Rewrite this paragraph in the style of [author]: [paste text]
2. Suggest 5 ways to make this scene more emotionally impactful: [paste scene]
3. Identify passive voice and weak verbs in this text: [paste text]
4. Write 3 alternative endings for this story: [paste story]
5. Improve the pacing of this chapter: [paste chapter]

Category 6: Learning & Education

25 PROMPTS

AI is rapidly transforming education by enabling personalized learning experiences, instant tutoring, and adaptive content creation. These prompts are designed for educators, students, instructional designers, and lifelong learners who want to harness AI for more effective teaching and learning. From generating lesson plans and study guides to creating quizzes and explaining complex concepts in simple terms, these prompts cover the full spectrum of educational use cases. Use them to save preparation time, differentiate instruction, or deepen your own understanding of any subject.

For Educators & Instructional Designers

1. Create a lesson plan for [subject] for [grade level] students (45-minute class)
2. Generate 10 multiple-choice quiz questions with answers about [topic]
3. Write learning objectives for a course on [topic] using Bloom's Taxonomy
4. Create a rubric for assessing [assignment type] with 4 performance levels
5. Design a 4-week curriculum outline for teaching [skill] to beginners
6. Write differentiated instruction strategies for a mixed-ability class on [topic]
7. Generate a student handout explaining [concept] with examples
8. Create a project-based learning activity for [subject] with real-world application
9. Write a parent communication email about [class update/event]
10. Generate discussion questions for a Socratic seminar on [topic]

For Students & Self-Learners

1. Explain [complex concept] as if I am 12 years old
2. Create a study guide for [exam/subject] with key concepts and mnemonics
3. Break down [topic] into a step-by-step learning path for a beginner
4. Quiz me on [topic] 4 ask one question at a time and wait for my answer
5. Summarize this chapter in bullet points with key takeaways: [paste text]
6. Explain the difference between [concept A] and [concept B] with examples
7. Create flashcards (question/answer format) for [subject] 4 20 cards
8. Help me understand [topic] using the Feynman Technique
9. Generate practice problems with solutions for [math/science topic]
10. Write a summary of [historical event] with causes, events, and consequences
11. Explain [scientific concept] using a real-world analogy
12. Create a mind map outline for [topic] with main branches and sub-topics
13. Help me prepare for a job interview for [role] 4 conduct a mock interview
14. Explain this research paper in simple terms: [paste abstract or text]
15. Create a 30-day study schedule for learning [skill] with daily goals

Category 7: Marketing & Sales

30 PROMPTS

Marketing and sales professionals can leverage AI to generate compelling copy, develop strategies, analyze competitors, and personalize customer communications at scale. These prompts cover the full marketing funnel from awareness-stage content and social media campaigns to conversion-focused landing pages and sales scripts. Whether you are a solo entrepreneur, a marketing manager, or part of a large team, these prompts will help you work smarter and faster. Customize each prompt with your brand voice, target audience, and specific campaign goals for best results.

Copywriting & Ad Copy

1. Write 5 Facebook ad headlines for [product] targeting [audience]
2. Create a Google Ads search campaign with 10 keywords and 3 ad copies for [product]
3. Write a landing page headline and subheadline for [offer]
4. Generate 10 email subject lines for a [campaign type] with high open rates
5. Write a product tagline (5 words max) for [brand/product]
6. Create a value proposition statement for [product/service]
7. Write a call-to-action (CTA) for [goal] in 3 different tones
8. Generate Instagram ad copy (caption + hashtags) for [product]
9. Write a YouTube video description with SEO keywords for [topic]
10. Create a carousel post script (5 slides) for [topic] on Instagram

Strategy & Market Research

1. Create a buyer persona for [product] including demographics, pain points, and goals
2. Conduct a SWOT analysis for [company/product] in the [industry]
3. Generate a competitor analysis framework for [niche] with 5 comparison criteria
4. Write a go-to-market strategy outline for launching [product]
5. Create a content marketing calendar (4 weeks) for [brand]
6. Identify 10 long-tail SEO keywords for [niche] with low competition
7. Write a brand positioning statement for [company]
8. Generate a customer journey map for [product] with 5 touchpoints
9. Create a pricing strategy recommendation for [product] in [market]
10. Write a market research summary for [industry] with key trends

Sales & Customer Engagement

1. Write a cold email template for reaching out to [persona] about [offer]
2. Create a sales script for a 5-minute discovery call about [product]
3. Write 5 objection-handling responses for [common objection]
4. Generate a follow-up email sequence (3 emails) after a demo call
5. Write a LinkedIn outreach message for [goal] that doesn't feel salesy
6. Create a customer onboarding email sequence (5 emails) for [product]
7. Write a testimonial request email that gets responses
8. Generate a referral program outline with incentives for [business]
9. Write a re-engagement campaign for lost leads in [industry]
10. Create a customer retention strategy with 5 actionable tactics

Categories 8310: Productivity, Design & Personal Development

30 PROMPTS COMBINED

The final three categories address the personal and creative dimensions of AI-assisted work. From organizing your workflow and managing projects to generating design concepts and supporting personal growth, these prompts help you build a more productive, creative, and balanced professional life. Use them daily to streamline your routines, spark creative ideas, and stay aligned with your goals.

Productivity & Organization

1. Create a daily productivity schedule for a [role] with time-blocking
2. Write a weekly review template with reflection questions
3. Generate a project plan with milestones for [project]
4. Create a meeting agenda template for [meeting type]
5. Write a prioritization matrix (Eisenhower Box) for these tasks: [list tasks]
6. Generate a Notion workspace structure for [use case]
7. Create a habit tracker template for [goal] with weekly check-ins
8. Write a standard operating procedure (SOP) for [task]
9. Generate a task delegation checklist for a manager
10. Create a goal-setting framework (SMART goals) for [objective]
11. Write an email inbox management system with rules and filters
12. Generate a personal knowledge management (PKM) system outline
13. Create a morning and evening routine for peak productivity
14. Write a focus session protocol using the Pomodoro Technique
15. Generate a team communication guidelines document

Design & Illustration

1. Write a detailed image generation prompt for Midjourney/DALL-E: [describe concept]
2. Create a brand mood board description for [brand personality]
3. Write a design brief for a [asset type] for [brand]
4. Generate a color palette with hex codes for [emotion/industry]
5. Create a typography pairing recommendation for [brand style]
6. Write a UI/UX design critique framework for [app/website]
7. Generate a logo design concept brief for [company]
8. Create an infographic outline with 6 sections for [topic]
9. Write a social media template design specification
10. Generate a presentation slide deck outline for [topic] (10 slides)
11. Create a wireframe description for a [page type] landing page
12. Write an accessibility checklist for web design compliance
13. Generate a design system documentation outline
14. Create an icon set concept for [app category]
15. Write a creative direction brief for a marketing campaign visual

01 Personal Development & Lifestyle

02	03	
Write a morning journaling prompt for [goal/mindset]	Create a weekly self-reflection template with 10 questions	Generate a personal mission statement for [life stage/career]
04	05	06
Write a gratitude journal template with daily prompts (7 days)	Create a reading list (10 books) for learning about [topic]	Write a meditation script (10 minutes) for [purpose: stress, focus, sleep]
07	08	09
Generate a fitness plan for [goal] for a [fitness level] person (4 weeks)	Create a meal planning template for [diet type] with grocery list	Write a life vision board description for [5-year goal]
10	11	12
Generate a networking strategy for [industry] with conversation starters	Create a financial goal-setting worksheet with milestones	Write a personal brand statement for LinkedIn and social media
13	14	15
Generate a work-life balance action plan with 5 strategies	Create a skill development roadmap for [skill] over 90 days	Write a confidence-building affirmation set (10 affirmations) for [context]

200+

Across 10 categories

1

Reference

All you need in one place

10 Categories

Comprehensive coverage

>

Applications

Limitless possibilities

About the Author: Syed Sajid Ul Haq is an educator, Python developer, and prompt engineering technician dedicated to making prompt engineering accessible to professionals worldwide. Through CrescaDemy, he creates practical resources that bridge the gap between AI potential and real-world application. Connect at syedsajidulhaq@gmail.com or visit crescademy.netlify.app