

Generative AI Chatbot Prompt Formula

- **Clear Start:** Begin with a concise, clear task statement. Use an action verb to describe the task's objective.
- **Relevant Context:** Provide necessary background information.
- **Specificity:** Be precise about information.
- **Desired Output:** State the expected response format. (Summary, report, email, article, etc) (Paragraphs, bullet points, table, etc.)
- **Examples if Needed:** Provide data or examples for clarity.
- **Constraints and Respect:** Mention limitations and maintain politeness.
- **Tone and Persona:** Specify the tone and writing style if necessary. (Professional, Casual, Enthusiastic, Informational, Funny, etc.)

ChatGPT: Creating a perfect prompt for a specific task or question depends on the context and what you want to achieve. However, here's a general formula for creating effective prompts:

- **Clarity:** Start with a clear and concise statement of the task or question. Make sure the user or AI model understands what is expected.
- **Context:** Provide any necessary context or background information that is relevant to the task. This helps set the stage for a more informed response.
- **Specificity:** Be as specific as possible about what you want. If you're looking for detailed information, specify the type of information, format, or any other relevant details.
- **Desired Output:** Clearly state what kind of response or output you expect. Do you want an explanation, a list, a summary, a comparison, or something else?
- **Examples (if applicable):** If your request involves examples or specific data, provide them to illustrate what you're looking for.
- **Constraints (if applicable):** If there are any limitations, constraints, or guidelines for the response, be sure to mention them.
- **Politeness and Respect:** Use polite and respectful language when framing your prompt.

Google Bard: The perfect prompt formula is a combination of the following elements, in descending order of importance:

- **Task:** Always start your prompt with an action verb, such as generate, write, summarize, analyze, or create. Clearly state your end goal, such as a list of steps, a poem, a business plan, or a scientific paper.
- **Context:** Provide any relevant context that will help the model understand your task and generate a more accurate and relevant output. This could include information about the topic, the audience, or the desired format.

- **Exemplars:** If possible, provide one or more exemplars of the type of output you are looking for. This will help the model to understand your expectations and generate a more similar output.
- **Persona:** If you want the model to generate text in a particular style or voice, you can provide a persona for it to use. This could be a specific person, such as a scientist, a poet, or a business executive, or it could be a more general persona, such as a friendly and informative guide or a humorous and engaging storyteller.
- **Format:** If you have specific requirements for the format of the output, such as a specific number of paragraphs or a particular heading structure, you can include this information in your prompt.
- **Tone:** You can also specify the tone that you want the output to have, such as formal, informal, or humorous.

Bing AI: There is no one perfect formula for writing prompts, but there are some general guidelines that can help you get better results. Here are some of them:

- **Be specific:** Provide as much detail as possible about what you want the AI to generate. For example, instead of asking for “a poem”, you could ask for “a haiku about autumn”.
- **State your intent:** If you have a specific purpose or goal for the generated content, mention it in the prompt. For example, if you want to write a blog post, you could say “I want to write a blog post about the benefits of meditation”.
- **Use correct spelling and grammar:** The AI will try to understand and correct any errors in your prompt, but it’s better to provide clear and correct input. This will help the AI produce high-quality output.
- **Direct the output format:** If you want the output in a specific format, such as a list, a paragraph, or a table, state it in the prompt. For example, you could say “Can you list the top 10 movies of 2023?” or “Can you write a summary of this article in one paragraph?”¹
- **Ask follow-up questions:** If the output is not what you expected or if you need more information, feel free to ask follow-up questions to clarify or refine your request. For example, you could say “Can you explain why this movie is number one?” or “Can you add more details to this summary?”
- **Experiment with different phrasings:** If you’re not getting the output you want, try asking the question in a different way. The AI might understand one phrasing better than another. For example, instead of saying “generate a logo for my company”, you could say “create a graphic design for my company name”.
- **Prompt for fact-checking:** If you’re looking for reliable information, you can ask the AI to provide sources or to fact-check information. For example, you could say “Can you fact-check this statement: The tallest mountain in the world is Mount Everest?”²