Considerations for Developing a Successful GenAI Chatbot Prompt

1. **Provide context**: This involves giving background information or details relevant to the prompt. For example, if you're asking for advice on meal planning for a specific population, providing context about their dietary needs or preferences helps generate a more tailored response.

2. **Assign a role**: This is where you specify the role you want ChatGPT to take. For example, you might want ChatGPT to act as a nutrition educator, a recipe developer, or a research assistant. This helps guide the nature of the response.

3. **Use keywords**: Keywords are important terms related to your query that help ChatGPT understand the main focus of your request. For example, in a prompt about diets, keywords might include "heart-healthy," "omega-3 fatty acids," and/or "fiber."

4. **Clarify inclusions**: This involves specifying what information or elements you want included in the response. For example, if you're asking for a meal plan, you might clarify that you want it to include breakfast, lunch, dinner, and snack options.

5. **Request sources of where information came from that was used to develop the output/response**: This involves asking ChatGPT to cite the sources or provide references for the information used in its response. This is important for verifying the accuracy and reliability of the information.

6. **Specify the desired response such as language/tone use, format, and length**: This component allows you to tailor the output to your needs. For example, you might specify that you want a response in a conversational tone, formatted as a bullet-point list, and not exceeding 300 words.

7. **Be complete & specific**: This means providing all the necessary details to ensure a comprehensive and precise response. For example, if you're asking for recommendations on dietary supplements, being specific about the target population, health goals, and any contraindications helps generate a more accurate answer.

Below are important parts of the process of working with GenAI, like a chatbot.

Iterate	Refine	Train	Experiment
Repeat a process with the aim of improving the outcome each time. Iterate by adjusting your prompts based on the responses you receive, continually refining your approach to get more accurate or relevant results.	Make small adjustments to improve the quality of prompt and output. Refining your prompts might involve tweaking the wording, adding more specific details, or clarifying your request to ensure that the responses better meet your needs.	Teach the AI model to understand and respond to a wide range of inputs. Providing feedback on responses or using specific prompts that guide the AI to give the kind of answers you're looking for.	Try out different approaches to see what works best. Testing various prompt structures, exploring different topics, or experimenting with how you phrase your tasks or questions to discover the resulting responses/ output you want or need.