

1.Type A: Zero-shot Prompting

Problem Statement: Summarize a given paragraph about climate change without providing any example summaries, relying solely on the model's ability to understand the task.

Example Input: A paragraph describing the impact of climate change on polar ice caps:

"Climate change is causing rapid melting of polar ice caps, leading to rising sea levels and threatening coastal communities. The loss of ice also disrupts ecosystems, affecting species like polar bears and seals."

Prompt:

"Summarize the following paragraph about climate change: 'Climate change is causing rapid melting of polar ice caps, leading to rising sea levels and threatening coastal communities. The loss of ice also disrupts ecosystems, affecting species like polar bears and seals.'"

Output:

"Climate change is rapidly melting polar ice caps, resulting in rising sea levels that threaten coastal communities and disrupt ecosystems, particularly affecting species such as polar bears and seals."

2.Type B: Few-shot Prompting

Problem Statement: Generate a product description for a new smartphone based on a few example descriptions to guide the model in style and structure.

Example Input: Product: Smartphone with 5G, 128GB storage, and triple camera system.

Example descriptions:

"The XPhone Pro features blazing-fast 5G connectivity, 256GB storage, and a dual-camera system for stunning photos."

"Experience the ZPhone 12 with its 5G speed, 64GB storage, and advanced camera for vibrant images."

Prompt:

"Generate a product description for a new smartphone with 5G, 128GB storage, and a triple camera system. Use the following examples as a guide:

1. 'The XPhone Pro features blazing-fast 5G connectivity, 256GB storage, and a dual-camera system for stunning photos.'
2. 'Experience the ZPhone 12 with its 5G speed, 64GB storage, and advanced camera for vibrant images.'"

Output:

"Discover the YPhone Elite, equipped with lightning-fast 5G connectivity, 128GB storage, and a triple camera system for capturing breathtaking photos."

3.Type C: Chain-of-thought Prompting

Problem Statement: Solve a simple math problem by encouraging the model to explain its reasoning step-by-step to ensure accuracy.

Example Input: A math problem: "If a store offers a 20% discount on a \$50 item, how much is the final price?"

Prompt:

"Solve the following math problem step-by-step: 'If a store offers a 20% discount on a \$50 item, how much is the final price?' Start by calculating the discount amount and then subtract it from the original price."

Output:

1. Calculate the discount amount: $20\% \text{ of } \$50 = 0.20 * \$50 = \$10$.
2. Subtract the discount from the original price: $\$50 - \$10 = \$40$.
3. The final price is \$40.

4.Type D: Role Prompting

Problem Statement: Generate a professional email response to a customer inquiry by instructing the model to adopt the role of a customer service representative.

Example Input: Customer inquiry: "I ordered a laptop last week, but it hasn't arrived yet. Can you provide an update on my order status?"

Prompt:

"As a customer service representative, draft a professional email response to the following customer inquiry: 'I ordered a laptop last week, but it hasn't arrived yet. Can you provide an update on my order status?'"

Output:

"Dear [Customer's Name],

Thank you for reaching out to us. We apologize for the delay in the delivery of your laptop. We are currently checking the status of your order and will provide you with an update as soon as possible. We appreciate your patience and understanding.

Best regards,

[Your Name]

Customer Service Representative"

5.Type E: Negative Shot Prompting

Problem Statement: Generate a concise and professional product description for a smartwatch, avoiding overly technical jargon, exaggerated marketing phrases, or vague statements that do not provide specific details about the product.

Example Input: Product: Smartwatch with heart rate monitor, 7-day battery life, and water resistance. Incorrect examples:

"This ultra-mega smartwatch will revolutionize your life with cutting-edge tech!"

"A watch with some health stuff and a good battery, probably awesome."

Prompt:

"Generate a concise and professional product description for a smartwatch with a heart rate monitor, 7-day battery life, and water resistance. Avoid using overly technical jargon, exaggerated marketing phrases, or vague statements. Incorrect examples:

1. 'This ultra-mega smartwatch will revolutionize your life with cutting-edge tech!'
2. 'A watch with some health stuff and a good battery, probably awesome.'"

Output:

"Introducing our latest smartwatch, featuring a built-in heart rate monitor, a long-lasting 7-day battery life, and water resistance for everyday durability."