

# prompt-engineering

chatgpt

First, give it a role to play, a specific profession to excel in. This narrows the scope of the answer towards your desired output. Last, tell the AI to ask you clarifying questions if necessary

## Types of LLM

Base LLM : Predicts next word, based on training data (example : once upon a time ...)

What is the capital of France? : what is largest city in france? etc...

Instruction Trained LLM : Fine tune on instructions and good attempts at following those.

What is the capital of France? : Paris. (RLHF : RL for human feedback)

## Try "extract" instead of "summarize"

Identify a list of emotions that the writer of the \ following review is expressing. Include no more than \ five items in the list. Format your answer as a list of \ lower-case words separated by commas.

---

```
prompt = f"""
```

```
Identify the following items from the review text:
```

- Item purchased by reviewer
- Company that made the item

```
The review is delimited with triple backticks. \
```

```
Format your response as a JSON object with \ "Item" and "Brand" as the keys.
```

```
If the information isn't present, use "unknown" \ as the value.
```

```
Make your response as short as possible.
```

```
Review text: "{lamp_review}"
```

```
"""
```

```
response = get_completion(prompt)
```

```
print(response)
```

Translate the following from slang to a business letter: (formal/informal)

```
data_json = { "restaurant employees" :[  
{"name":"Shyam", "email":"shyamjaiswal@gmail.com"},  
{"name":"Bob", "email":"bob32@gmail.com"},  
{"name":"Jai", "email":"jai87@gmail.com"}  
]}
```

```
prompt = f"""
```

```
Translate the following python dictionary from JSON to an HTML \ table with column headers and title: {data_json} # being very specific
```

```
"""
```

```
response = get_completion(prompt)
```

```
print(response)
```

```
<table>
  <caption>Restaurant Employees</caption>
  <thead>
    <tr>
      <th>Name</th>
      <th>Email</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>Shyam</td>
      <td>shyamjaiswal@gmail.com</td>
    </tr>
    <tr>
      <td>Bob</td>
      <td>bob32@gmail.com</td>
    </tr>
    <tr>
      <td>Jai</td>
      <td>jai87@gmail.com</td>
    </tr>
  </tbody>
</table>
```

// How to be specific

*Proofread and correct the following text*

*and rewrite the corrected version. If you don't find*

*and errors, just say "No errors found". Don't use*

*any punctuation around the text: Ask questions if necessary. Ensure that it targets an advanced reader...*