

```
import requests
```

```
import base64
```

```
from PIL import Image
```

```
from io import BytesIO
```

```
# Convert image to Base64
```

```
def image_to_base64(image_path):
```

```
    with Image.open(image_path) as image:
```

```
        buffered = BytesIO()
```

```
        image.save(buffered, format="JPEG")
```

```
        img_str = base64.b64encode(buffered.getvalue()).decode("utf-8")
```

```
    return img_str
```

```
# Replace 'image.jpg' with the path to your image
```

```
base64_image = image_to_base64("test.jpg")
```

```
text_data = {"type": "text", "text": "Describe what is in the image"}
```

```
image_data = {
```

```
    "type": "image_url",
```

```
    "image_url": {"url": f"data:image/jpeg;base64,{base64_image}"},
```

```
}
```

```
# Construct the request data
```

```
request_data = {
```

```
    "model": "cogvlm-chat-17b",
```

```
"messages": [{"role": "user", "content": [text_data, image_data]}],  
"temperature": 0.8,  
"top_p": 0.9,  
"max_tokens": 1024,  
}
```

```
# Specify the URL of your FastAPI application
```

```
url = "http://34.227.161.100:30001/v1/chat/completions"
```

```
# Send the request
```

```
response = requests.post(url, json=request_data)
```

```
# Print the response from the server
```

```
print(response.text)
```