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The Chat Format

In this notebook, you will explore how you can utilize the chat format to have extended conversations with chalbots personalized or specialized for specific tasks or

Setup

```
openai.api_key = os.getenv('OPENAI_API_KEY')
In []:
    def get_completion(prompt, model="gpt-3.5-turbo"):
    messages = {{"role": "user", "content": prompt}}
    response = openal.ChatCompletion.create(
    model=model,
    messages=messages,
    temperature=0, # this is the degree of randomness of the model's output
             )
return response.choices[0].message["content"]
        def get_completion_from_messages(messages, model="gpt-3.5-turbo", temperature=0):
    response = openal.(hatCompletion.create(
    model=model,
    messages-messages,
    temperature-temperature, # this is the degree of randomness of the model's output
         )

# print(str(response.choices[0].message))
return response.choices[0].message["content"]
In [ ]: response = get_completion_from_messages(messages, temperature=1)
print(response)
```

OrderBot

We can automate the collection of user prompts and assistant responses to build a OrderBot. The OrderBot will take orders at a pizza restaurant

```
In []:

def collect_messages(_):
    prompt = inp.value_input
    inp.value = '
        inp.value = '
        inp.value = '
        inp.value = '
        context.append(('role':'user', 'content':f"(prompt)'))
        response = get_completion_from_messages(context)
        context.append(('role':'assistant', 'content':f"(response)'))
        panels.append(
            pn.Now('user', pn.pane.Markdown(prompt, width=600)))
        panels.append(
            pn.Row('Assistant', 'pn.pane.Markdown(response, width=600), style=('background-color': '#F6F6F6'))))
                                                  return pn.Column(*panels)
    In [ ]: import panel as pn # GUI
pn.extension()
                                panels = [] # collect display

context = [ ("raile': 'system', 'content':""

Vou are Orderbot, an automated service to collect orders for a pizza restaurant. \

You first greet the customer, then collects the order, \

and then asks if it's a pickup or delivery.

You wait to collect the entire order, then summarize it and check for a final \

time if the customer wants to add anything else. \

If it's a delivery, you ask for an address. \

Finally you collect the payment.\

Nake sure to clarify all options, extras and sizes to uniquely \

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Nou respond in a short, very conversational friendly style. \

The menu includes \

Popperonia pizza 12.95, 10.80, 7.80 \

cheese pizza 19.59, 9.25, 6.50 \

gegplant pizza 19.59, 9.75, 6.75 \

fries 4.50, 3.50 \

yeard salad 7.25 \

sustra cheese 2.80, \

mushrhooms 1.50 \

saucage 3.80 \

canadian bason 3.50 \

Af sauce 1.90 \

Af sauce 1.90 \

saucage 3.80 \

coke 3.80, 2.80, 1.80 \

spriper 3.
                                    panels = [] # collect display
                                    inp = pn.widgets.TextInput(value="Hi", placeholder='Enter text here_')
button_conversation = pn.widgets.Button(name="Chat!")
                                    interactive_conversation = pn.bind(collect_messages, button_conversation)
                                               inp, n.Row(button_conversation),
pn.panel(interactive_conversation, loading_indicator=True, height=300),
                                    dashboard
  #The fields should be 1) pizza, price 2) list of toppings 3) list of drinks, include size include price 4) list of sides inc
                                    response = get_completion_from_messages(messages, temperature=0) print(response)
```

Try experimenting on your own!

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You can modify the menu or instructions to create your own orderbot!

```
In [ ]:
```