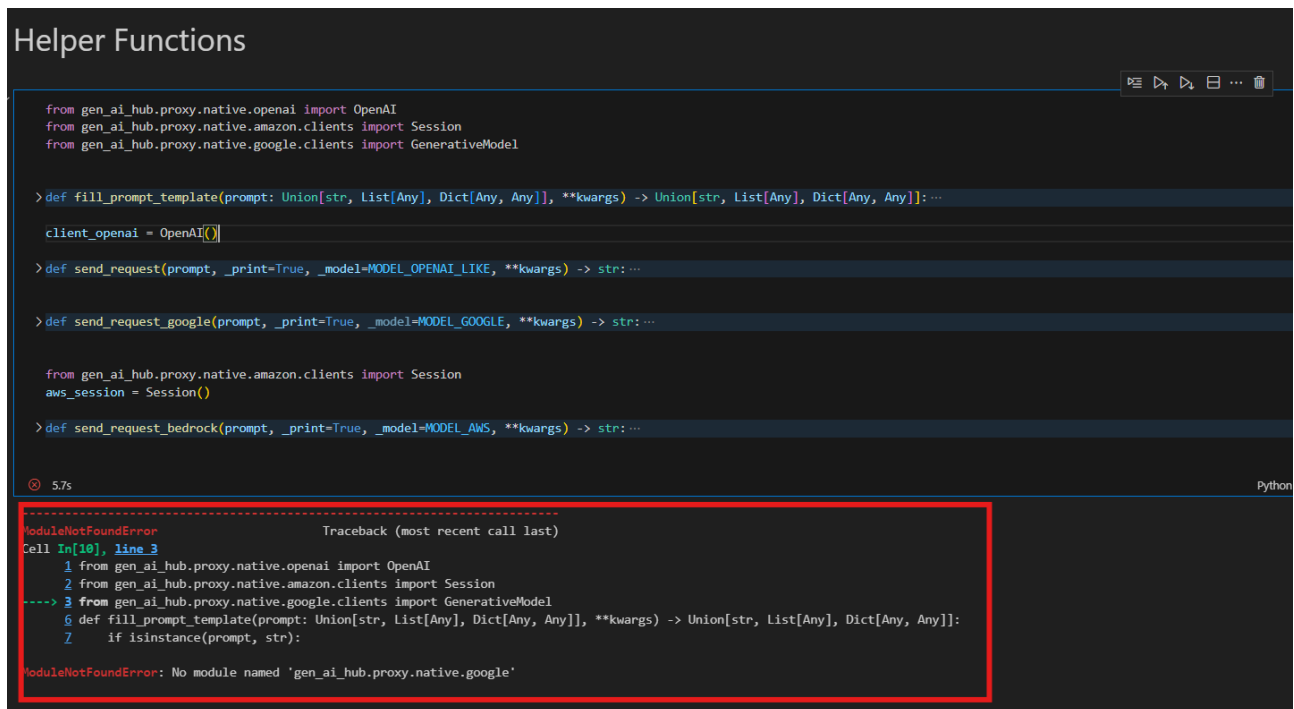


Errors faced while executing the code:

1. No module named 'gen_ai_hub.proxy.native.google'



```
Helper Functions

from gen_ai_hub.proxy.native.openai import OpenAI
from gen_ai_hub.proxy.native.amazon.clients import Session
from gen_ai_hub.proxy.native.google.clients import GenerativeModel

> def fill_prompt_template(prompt: Union[str, List[Any], Dict[Any, Any]], **kwargs) -> Union[str, List[Any], Dict[Any, Any]]: ...

client_openai = OpenAI()

> def send_request(prompt, _print=True, _model=MODEL_OPENAI_LIKE, **kwargs) -> str: ...

> def send_request_google(prompt, _print=True, _model=MODEL_GOOGLE, **kwargs) -> str: ...

from gen_ai_hub.proxy.native.amazon.clients import Session
aws_session = Session()

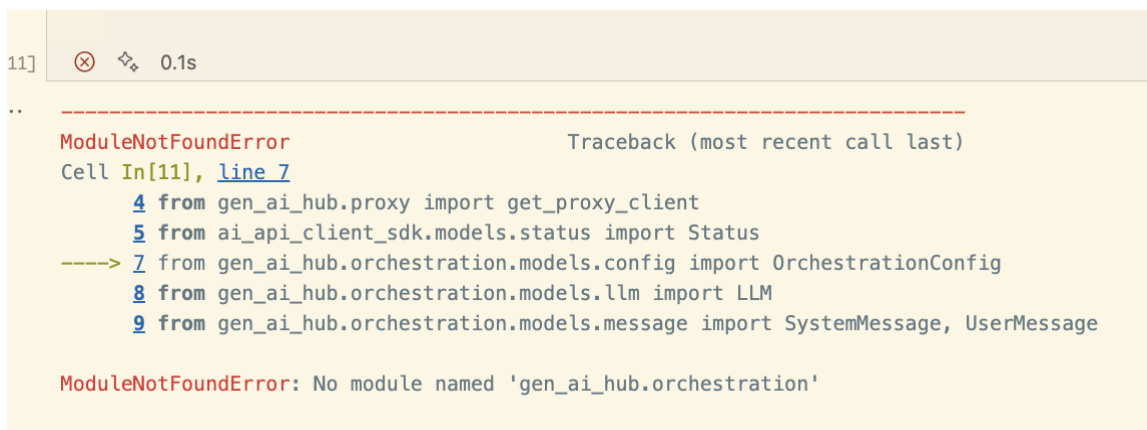
> def send_request_bedrock(prompt, _print=True, _model=MODEL_AWS, **kwargs) -> str: ...

5.7s Python

ModuleNotFoundError                                Traceback (most recent call last)
Cell In[10], line 3
      1 from gen_ai_hub.proxy.native.openai import OpenAI
      2 from gen_ai_hub.proxy.native.amazon.clients import Session
----> 3 from gen_ai_hub.proxy.native.google.clients import GenerativeModel
      6 def fill_prompt_template(prompt: Union[str, List[Any], Dict[Any, Any]], **kwargs) -> Union[str, List[Any], Dict[Any, Any]]:
      7     if isinstance(prompt, str):

ModuleNotFoundError: No module named 'gen_ai_hub.proxy.native.google'
```

2. No module named 'gen_ai_hub.orchestration'



```
11] 0.1s

ModuleNotFoundError                                Traceback (most recent call last)
Cell In[11], line 7
      4 from gen_ai_hub.proxy import get_proxy_client
      5 from ai_api_client_sdk.models.status import Status
----> 7 from gen_ai_hub.orchestration.models.config import OrchestrationConfig
      8 from gen_ai_hub.orchestration.models.llm import LLM
      9 from gen_ai_hub.orchestration.models.message import SystemMessage, UserMessage

ModuleNotFoundError: No module named 'gen_ai_hub.orchestration'
```

Suggested Solution:

Install the “**!pip install generative-ai-hub-sdk[all]>=3.10**” or with the latest version and Restart the kernel after installing,

if you are facing the same issue with anaconda then you have to restart the kernel after installing the above package

Steps to restart the kernel in the Jupyter extension of Visual Studio Code:

1. Open the Command Palette:

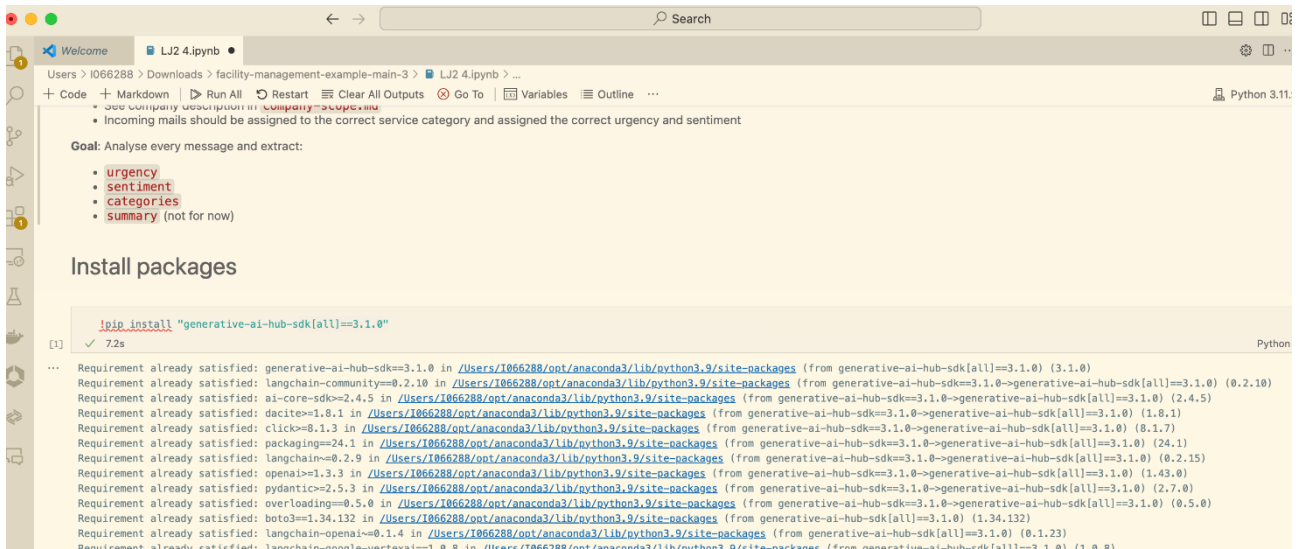
Press Ctrl+Shift+P (or Cmd+Shift+P on macOS) to open the Command Palette.

1. Search for "Restart Kernel":

Type "Restart Kernel" into the Command Palette search box.

2. Select "Restart Kernel":

Click on the "Restart Kernel" option from the list that appears.



3. OrchestrationError: Model name must be one of ['gpt-35-turbo', 'gpt-35-turbo-16k', 'gpt-4', 'gpt-4-32k', 'gpt-4o', 'meta--llama3-70b-instruct', 'mistralai--mixtral-8x7b-instruct-v01', 'gemini-1.0-pro', 'gemini-1.5-pro', 'gemini-1.5-flash']

```
overall_result["basic--claude-3-haiku"] = evaluation_full_dataset(test_set_small, f_8, _model='claude-3-haiku')
pretty_print_table(overall_result)

42] 23s Python
0% 0/20 [00:02<?, ?l/s]

-----
HTTPError: Traceback (most recent call last)
File c:\Users\C5385222\AppData\Local\anaconda3\Lib\site-packages\gen_ai_hub\orchestration\service.py:112, in OrchestrationService.run(self, config, template_values, history)
    111 try:
--> 112     response.raise_for_status()
    113 except requests.HTTPError as error:

File c:\Users\C5385222\AppData\Local\anaconda3\Lib\site-packages\requests\models.py:1024, in Response.raise_for_status(self)
    1023 if http_error_msg:
-> 1024     raise HTTPError(http_error_msg, response=self)

HTTPError: 400 Client Error: Bad Request for url: https://api.ai.prod.eu-central-1.aws.ml.hana.ondemand.com/v2/inference/deployments/de3f0730ef89b19d/completion

The above exception was the direct cause of the following exception:

OrchestrationError: Traceback (most recent call last)
Cell In[41], line 1
----> 1 overall_result["basic--claude-3-haiku"] = evaluation_full_dataset(test_set_small, f_8, _model='claude-3-haiku')
      2 pretty_print_table(overall_result)

Cell In[24], line 12
    11 def evaluation_full_dataset(dataset, func, rate_limit=100, _print=False, **kwargs):
--> 12     results = [evaluation(mail, func, _print=_print, **kwargs) for mail in tqdm(RateLimitedIterator(dataset, rate_limit), total=len(dataset))]
    13     results = transpose_list_of_dicts(results)
    14     n = len(dataset)

...
    125     data=response.json(),
    126     config=dacite.Config(cast=[Enum]),
    127 )

OrchestrationError: Model name must be one of ['gpt-35-turbo', 'gpt-35-turbo-16k', 'gpt-4', 'gpt-4-32k', 'gpt-4o', 'meta--llama3-70b-instruct', 'mistralai--mixtral-8x7b-instruct-v01', 'gemini-1.0-pro',
Output is truncated. View as a scrollable element or open in a text editor. Adjust cell output settings.
```

Suggested Solution:

Instead of basic—claude-3-haiku model you can use the below list of models 'gpt-35-turbo', 'gpt-35-turbo-16k', 'gpt-4', 'gpt-4-32k', 'gpt-4o', 'meta--llama3-70b-instruct', 'mistralai--mixtral-8x7b-instruct-v01', 'gemini-1.0-pro', 'gemini-1.5-pro', 'gemini-1.5-flash'