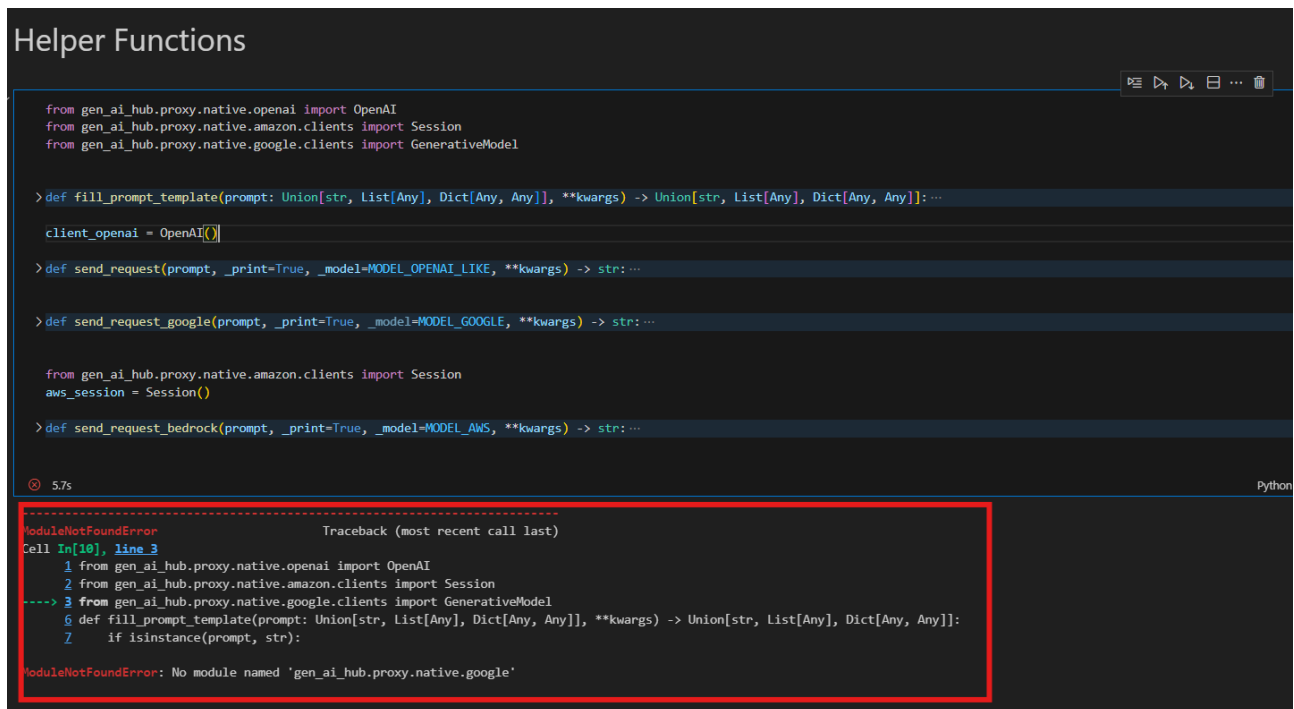


## Errors faced while executing the code:

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()

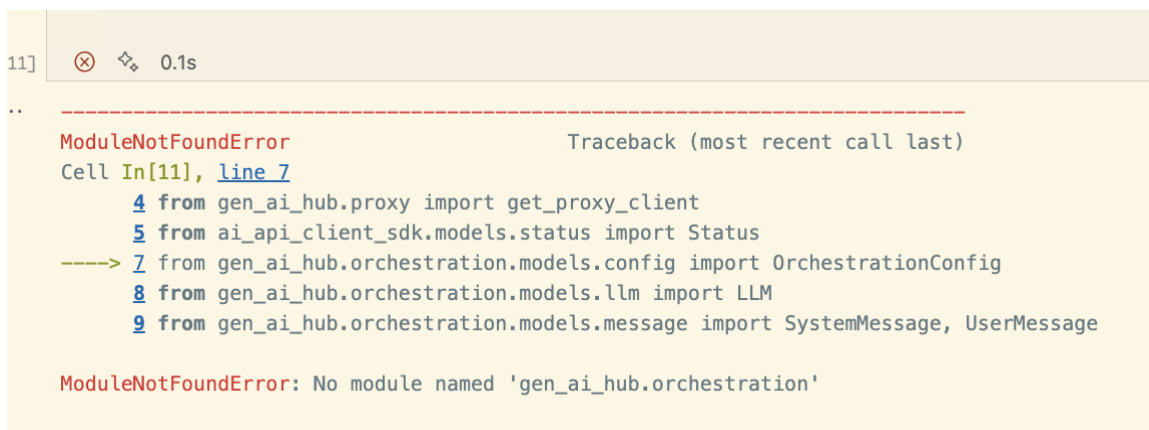
> def send_request_bedrock(prompt, _print=True, _model=MODEL_AWS, **kwargs) -> str: ...

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:

1. Uninstall the existing package using '!pip uninstall generative-ai-hub-sdk[all]'.
2. Install the latest version with '!pip install generative-ai-hub-sdk[all]>=3.10'.

3. Restart the kernel after installation. If using Anaconda, ensure to restart the kernel as well if you encounter issues.

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

1. Open the Command Palette:

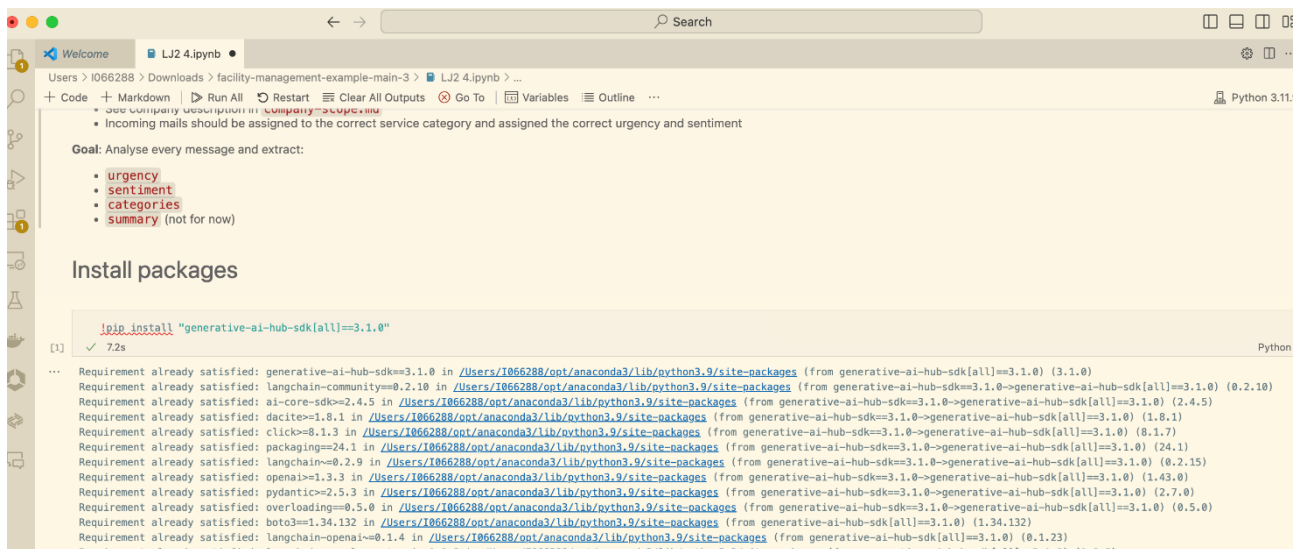
Press Ctrl+Shift+P (or Cmd+Shift+P on macOS) to open the Command Palette.

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.



The screenshot shows the Visual Studio Code interface with a Jupyter notebook. The notebook has a goal: "Analyse every message and extract:" followed by a list of categories: urgency, sentiment, categories, and summary (not for now). Below the goal is a section titled "Install packages" with a terminal output showing the command `!pip install "generative-ai-hub-sdk[all]==3.1.0"` and its execution details. The terminal output shows that the requirement for `generative-ai-hub-sdk==3.1.0` is already satisfied in the current environment.

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']

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

23s 0% 0/20 [00:02<?, ?it/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'