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3 people

[Cognitive Services - Azure AI Content Safety]: Upgrade sdk to ne...



2 months ago



66 lines (51 loc) · 2.34 KB

Code

Blame

Raw



```
1  # coding: utf-8
2
3  # -----
4  # Copyright (c) Microsoft Corporation. All rights reserved.
5  # Licensed under the MIT License. See License.txt in the project root for
6  # license information.
7  # -----
8  import asyncio
9
10
11  ✓ async def analyze_text_async():
12      # [START analyze_text_async]
13
14      import os
15      from azure.ai.contentssafety.aio import ContentSafetyClient
16      from azure.ai.contentssafety.models import TextCategory
17      from azure.core.credentials import AzureKeyCredential
18      from azure.core.exceptions import HttpResponseError
19      from azure.ai.contentssafety.models import AnalyzeTextOptions
20
21      key = os.environ["CONTENT_SAFETY_KEY"]
22      endpoint = os.environ["CONTENT_SAFETY_ENDPOINT"]
23
24      # Create a Content Safety client
25      client = ContentSafetyClient(endpoint, AzureKeyCredential(key))
26
27      async with client:
28          # Construct a request
29          request = AnalyzeTextOptions(text="You are an idiot")
30
31          # Analyze text
32          try:
33              response = await client.analyze_text(request)
34          except HttpResponseError as e:
35              print("Analyze text failed.")
36              if e.error:
37                  print(f"Error code: {e.error.code}")
38                  print(f"Error message: {e.error.message}")
```

```
38         print(f"Error message: {e.error.message}")
39         raise
40     print(e)
41     raise
42
43     hate_result = next(item for item in response.categories_analysis if item.category == TextCategory.HATE)
44     self_harm_result = next(item for item in response.categories_analysis if item.category == TextCategory.SELF_HARM)
45     sexual_result = next(item for item in response.categories_analysis if item.category == TextCategory.SEXUAL)
46
47
48     if hate_result:
49         print(f"Hate severity: {hate_result.severity}")
50     if self_harm_result:
51         print(f"SelfHarm severity: {self_harm_result.severity}")
52     if sexual_result:
53         print(f"Sexual severity: {sexual_result.severity}")
54     if violence_result:
55         print(f"Violence severity: {violence_result.severity}")
56
57     # [END analyze_text_async]
58
59
60     async def main():
61         await analyze_text_async()
62
63
64     if __name__ == "__main__":
65         loop = asyncio.get_event_loop()
66         loop.run_until_complete(main())
```