1. Slack and Knowledge Graph integration

No screenshots or observations

2. Code

Answer the following question for your lab notebook:

- Could we have used the API Discovery package to interact with the Vision API?
 - yes
- Does Google provide a Python package specifically for accessing the Knowledge Graph API?
 - o no

3. Code

Visit the file and perform the following for your lab notebook:

```
84 def make search request(query):
85    req = kgsearch.entities().search(query=query, limit=1)
86    res = req.execute()
87    return format_slack_message(query, res)
88    # [END functions_slack_request]
89
```

- Show the source line that constructs the query we wish to send to the Knowledge Graph API.
 - Line 85
- Show the source line that then executes the query and saves the response. What is the name of the method that sends the query to the Knowledge Graph API?
 - Line 86
 - format_slack_message

Visit the file and answer the following questions:

- What is the Python data type that is used to represent the formatted message?
 - dictionary
- What are the three main attributes of the formatted message passed back to Slack?
 - Response_type
 - Text

attachments

4. Knowledge Graph setup

- No screenshots or observations

5. Create a Slack workspace

No screenshots or observations

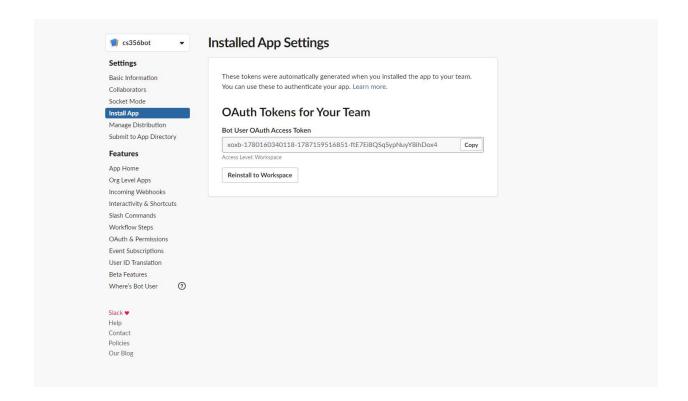
Answer the following question:

- What would be the difference between an adversary finding out YOUR_SLACK_SIGNING_SECRET versus finding out YOUR_KG_API_KEY that was obtained in the previous step from GCP?
 - The singing secret is what slack uses to verify that it is them. If an adversary where to obtain this then they would be able to impersonate slack

6. Configure and Deploy

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7. Create Slack command



8. Test the command

 Within the text box, enter the following search and show a screenshot of its response for your lab notebook.

