1. Setup the Natural Language API on Google Cloud platform: https://cloud.google.com/natural-language/docs/setup. You can also check this tutorial video: https://www.youtube.com/watch?v=vI1HPuvegWE

2. When you have a project, you need to set up a API key: https://console.cloud.google.com/apis/credentials?project=<your project name>

- Note that you need to link a service account to the credential of the API key. Please carefully follow the Google's setup instruction in Step 1.

3. Install the dependencies on the local Neo4j Desktop. You can find the current versions on https://github.com/neo4j-contrib/neo4j-apoc-procedures/releases/download/4.1.0.11/apoc-nlp-dependencies-4.1.0.11.jar. You can download the .jar dependencies file and add into the **plugins** in Neo4j Desktop. Restart the DBMS after installation.

- For references, check Neo4j guideline here: https://neo4j.com/labs/apoc/4.1/nlp/gcp/

4. Make sure that you also have APOC installed in Neo4j Desktop.

5. To use API, in Neo4j, set your API key in a Browser parameter like this:

```
:param apiKey =>("<your API Key>")
```

6. The following is a sample query call the **apoc.nlp.gcp.entities.graph** through API. You can also find similar examples in https://neo4j.com/labs/apoc/4.1/nlp/gcp/

```
MATCH (a:Article)
where a.lang = "<<REPLACE WITH LANGUAGE CODE>>"
CALL apoc.nlp.gcp.entities.graph(a, {
  key: $apiKey,
  nodeProperty: "body",
  scoreCutoff: 0.01,
  writeRelationshipType: "HAS_ENTITY",
  writeRelationshipProperty: "gcpEntityScore",
  write: true
})
YIELD graph AS g
RETURN "Success!";
```