The Challenge:

We would like you to showcase your Python (or other coding language e.g. Java, Golang etc.) skills by tackling a data wrangling challenge that involves the open library public data API.

Tasks:

1. **Parse Available Datasets:**
   ○ Write a Python script that retrieves a list of all **books with the title "lord of the rings"** from the below API
       i. https://openlibrary.org/dev/docs/api/search
   ○ Parse the response from the API and write the names of the books to a dataset. Add 4 other columns showing data from the response

2. **Retrieve a Specific Dataset:**
   ○ Using any of the other API's available in the above link, construct a dataset using a query that you have put together and fetched data for via the API. Use the examples listed as guidance on how to construct these queries

3. **Brief Dataset Exploration:**
   ○ Explore the data you collected in step 2 and produce some interesting insights in the data found including any charts/graphs/tables

Deliverables:

● A well-commented script / notebook demonstrating the tasks mentioned above.

Bonus Points:

● Implement error handling in your script to gracefully handle any issues encountered by either the API or subsequently collected data

Evaluation Criteria:

● Functionality (completing all tasks)
● Code clarity and structure
● Efficiency and error handling
● Creativity and approach to high-level dataset exploration

This challenge will assess your ability to interact with APIs, parse data, and perform basic data exploration using your language of choice. **Good luck!**