I learned generally how APIs work and how they are the connectors that allow programs to access data from external sources that are more in-depth than basic GET requests. It showed me the importance of HTTP status codes and parsing JSON data into usable Python objects like dictionaries and lists. When practicing using the cat facts API, I learned how to add to scripts to collect multiple results as well as how helpful error handling, logging, and retry logic is when dealing with possible server issues. The public holidays API then taught me how to structure my requests to return specific data like the country codes and years, and handle more complex data. Overall, it showed me the steps in using APIs to help me fetch, validate, customize, and process external data.