Explain how you structured your code and the approaches you chose for data processing.

The script is structured into a single function fetch_book_info(isbn), which takes an ISBN number as an argument. This function is responsible for sending a GET request to the Google Books API and processing the received data.

Here's how the function works:

1. Sending the GET request: The function sends a GET request to the Google Books API with the provided ISBN number. This is done using the requests.get() function, which takes a URL as an argument. The URL is constructed using a string format method to insert the ISBN number into the appropriate place in the URL.

2. Checking the response: The function checks if the request was successful by checking the status code of the response. If the status code is 200, it means the request was successful.

3. Processing the data: If the request was successful, the function processes the received data. The data is in JSON format, so the function uses the response.json() method to convert the data into a Python dictionary. It then extracts the book information from the dictionary.

4. Printing the book information: The function prints the book information. It first checks if the 'items' key is in the data dictionary. If it is, it means that a book was found with the provided ISBN number, and the function prints the book's title, authors, publisher, and published date. If the 'items' key is not in the dictionary, it means that no book was found with the provided ISBN number, and the function prints a message to that effect.