To create the credentials.json file for Gmail API authentication, you need to follow the steps below:

1. Go to the Google Cloud Console: <https://console.cloud.google.com/>
2. Create a new project or select an existing project.
3. Enable the Gmail API: In the Google Cloud Console, click on the menu icon (☰) in the upper-left corner and select "APIs & Services" > "Library".
4. Search for "Gmail API" and select it.Click the "Enable" button to enable the Gmail API for your project.
5. Create credentials: In the Google Cloud Console, click on the menu icon (☰) in the upper-left corner and select "APIs & Services" > "Credentials".
6. Click the "Create credentials" button and select "OAuth client ID".
7. Choose the application type "Desktop app" and provide a name for the OAuth 2.0 client ID.
8. Click the "Create" button.
9. A dialog will appear displaying the client ID and client secret. Close the dialog.
10. In the "OAuth 2.0 Client IDs" section, locate the newly created client ID and click the download button on the right to download the JSON file. This file is your credentials.json.

Once you have the credentials.json file, place it in the same directory as your Python script.

Remember to install the necessary packages by running the following command in your terminal or command prompt:

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pip install google-auth google-auth-oauthlib google-auth-httplib2 google-api-python-client

After completing these steps, you should be able to run your Python script that uses Gmail API authentication.

Now, replace downloaded json file with the existing one. Now open code in spyder IDE