Data science Task-1

```python
#importing pandas

import pandas as pd

import requests

#Defining the API endpoint

api_url = 'https://jsonplaceholder.typicode.com/posts'

#Sending a GET request to the API

response = requests.get(api_url)

# Checking if the request was successful

if response.status_code == 200:

    # Converting the JSON response to a Pandas DataFrame

    data = response.json()

    df = pd.DataFrame(data)

    # Specifying the filename for the CSV

    csv_filename = 'sample_dataset.csv'

  # Saving the DataFrame to a CSV file

    df.to_csv(csv_filename, index=False)

print("CSV dataset saved to {csv_filename}")

else:

    print("Failed to retrieve data from the API")
```