```python
import requests
import pandas as pd

# 🔑 Bearer Token (Fresh, Clean)
bearer_token = "AAAAAAAAAAAAAAAAAAAAAH0u3AEAAAAAOyG0NVJ%2Fmi
%2B71agweUST2yiP9m0%3DMVPgm9wpllegpjFEFrAmZyss3LW0PKAVeiG9TniK4eM6kwNq
yf"

# 📦 Headers for API authorization
headers = {
    "Authorization": f"Bearer {bearer_token}"
}

# 🔍 Get topic input from user
query = input("Enter a topic: ")

# 🌐 Twitter API endpoint
search_url = "https://api.twitter.com/2/tweets/search/recent"

# ⚙️ Parameters
params = {
    "query": f"{query} lang:en -is:retweet",  # Clean tweets only
    "max_results": 10,
    "tweet.fields": "created_at,text,author_id"
}

# 🚀 Make the request
response = requests.get(search_url, headers=headers, params=params)

# 🐞 Debug
print("Status Code:", response.status_code)

# 📊 Parse response
tweets = response.json()
data = []

if "data" in tweets:
    for tweet in tweets["data"]:
        data.append({
            "Date": tweet["created_at"],
            "User ID": tweet["author_id"],
            "Tweet": tweet["text"]
        })
    df = pd.DataFrame(data)
    print("\n Tweets Fetched:\n")
    print(df.head())
else:
    print(" No tweets found or error occurred.")
    print(tweets)
```

```
Enter a topic:  Jio 5G

Status Code: 200

 Tweets Fetched:

                        Date              User ID  \
0  2025-07-13T15:09:01.000Z  1920863382472687617
1  2025-07-13T14:56:00.000Z  1376511159990296578
2  2025-07-13T14:50:13.000Z  1873059916753383424
3  2025-07-13T14:36:29.000Z  1576981017050910720
4  2025-07-13T14:33:12.000Z  1656611378919030784

                                               Tweet
0  @JioCare @abhishek09786 @abhishek09786 Don't f...
1  @JioCare @reliancejio Internet speed has been ...
2  #Infintea Comic\n#Jio’s IPO adventure hits “p...
3    I am not getting the Jio 5G network in my area😭
4  #jio_का_घटिया_नेटवर्क \nSituation of jio 5g \n...
```

```
!pip install vaderSentiment
from vaderSentiment.vaderSentiment import SentimentIntensityAnalyzer
```

```
Requirement already satisfied: vaderSentiment in c:\users\athu\
anaconda3\lib\site-packages (3.3.2)
Requirement already satisfied: requests in c:\users\athu\anaconda3\
lib\site-packages (from vaderSentiment) (2.32.3)
Requirement already satisfied: charset-normalizer<4,>=2 in c:\users\
athu\anaconda3\lib\site-packages (from requests->vaderSentiment)
(3.3.2)
Requirement already satisfied: idna<4,>=2.5 in c:\users\athu\
anaconda3\lib\site-packages (from requests->vaderSentiment) (3.7)
Requirement already satisfied: urllib3<3,>=1.21.1 in c:\users\athu\
anaconda3\lib\site-packages (from requests->vaderSentiment) (2.2.3)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\athu\
anaconda3\lib\site-packages (from requests->vaderSentiment)
(2024.8.30)
```

```
analyzer = SentimentIntensityAnalyzer()

def get_sentiment(text):
    score = analyzer.polarity_scores(text)['compound']
    if score >= 0.05:
        return "Positive"
    elif score <= -0.05:
        return "Negative"
    else:
        return "Neutral"
```