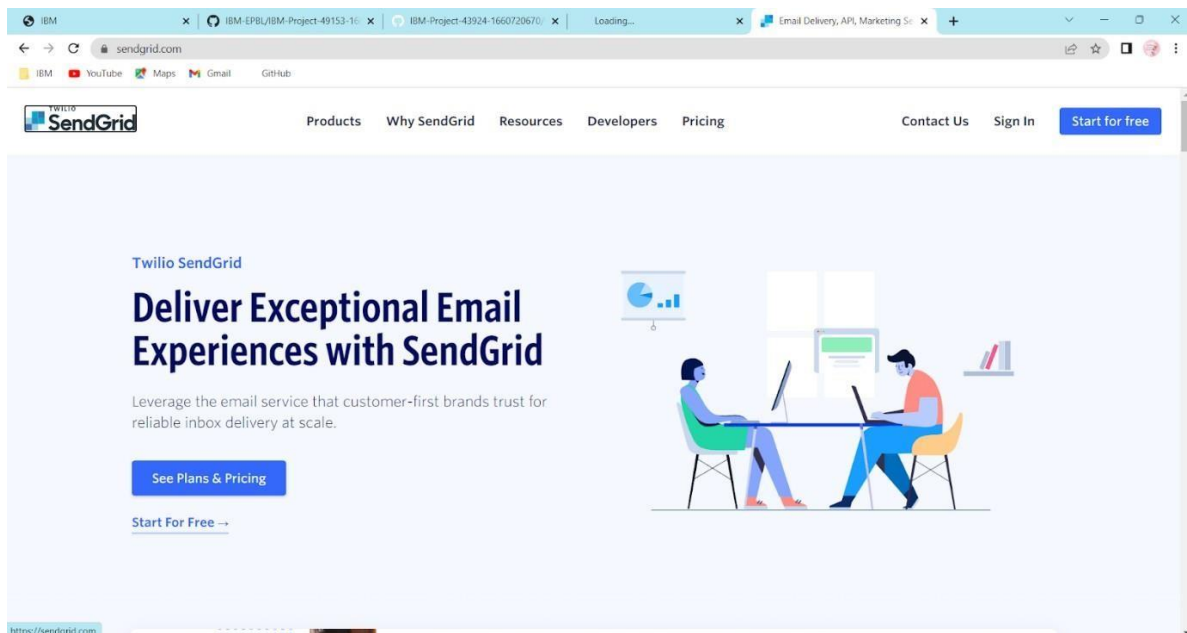# INTEGRATING SENDGRID SERVICE
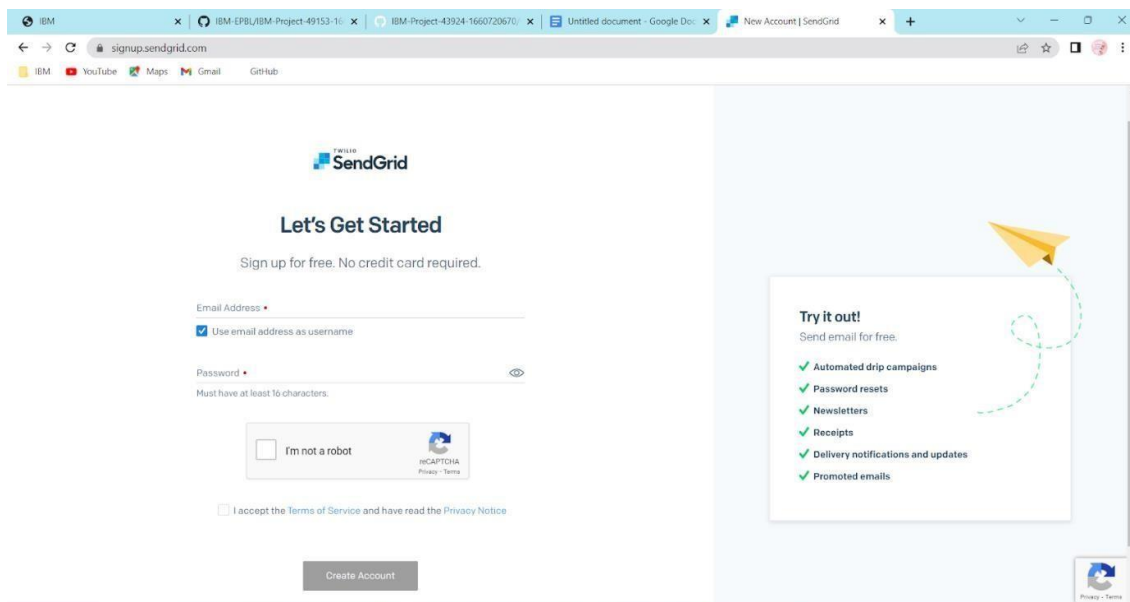
SENDGRID INTEGRATION WITH PYTHON CODE

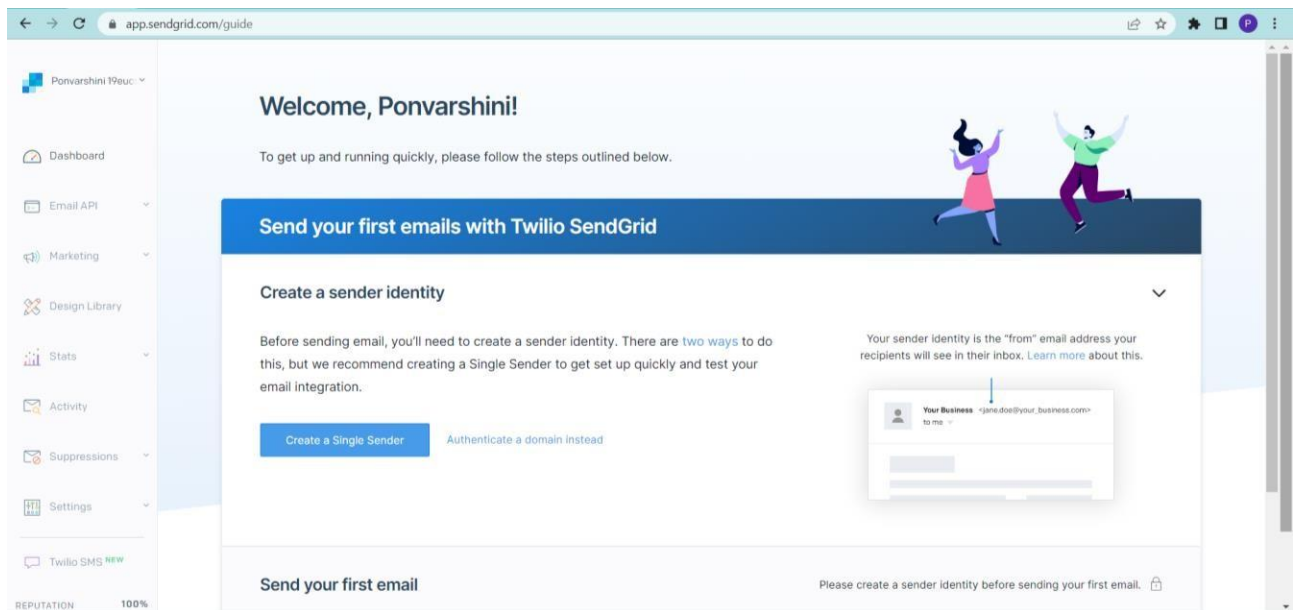| TEAM ID	PNT2022TMID12171
PROJECT NAME	Smart Fashion Recommender Application

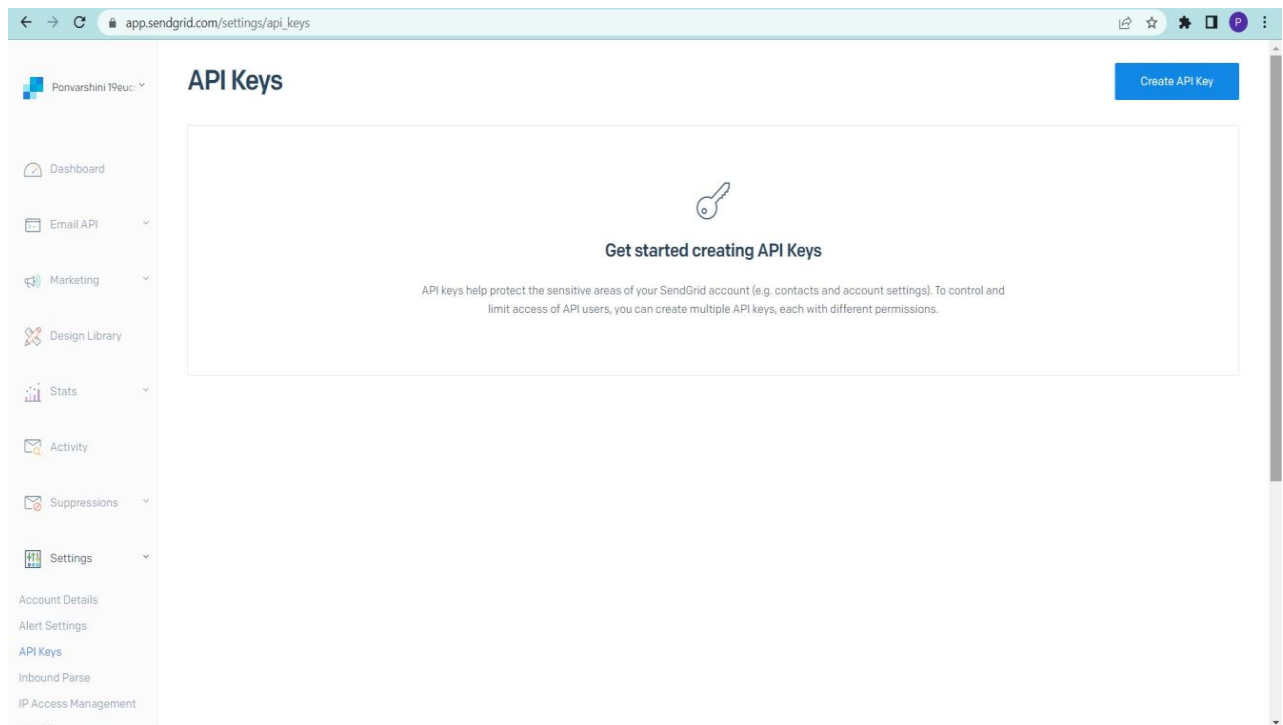Navigate to https://sendgrid.com and click on start for free

The below page appears as we click on start for free, fill email address and set a password of 16 digits and click on "Create Account".
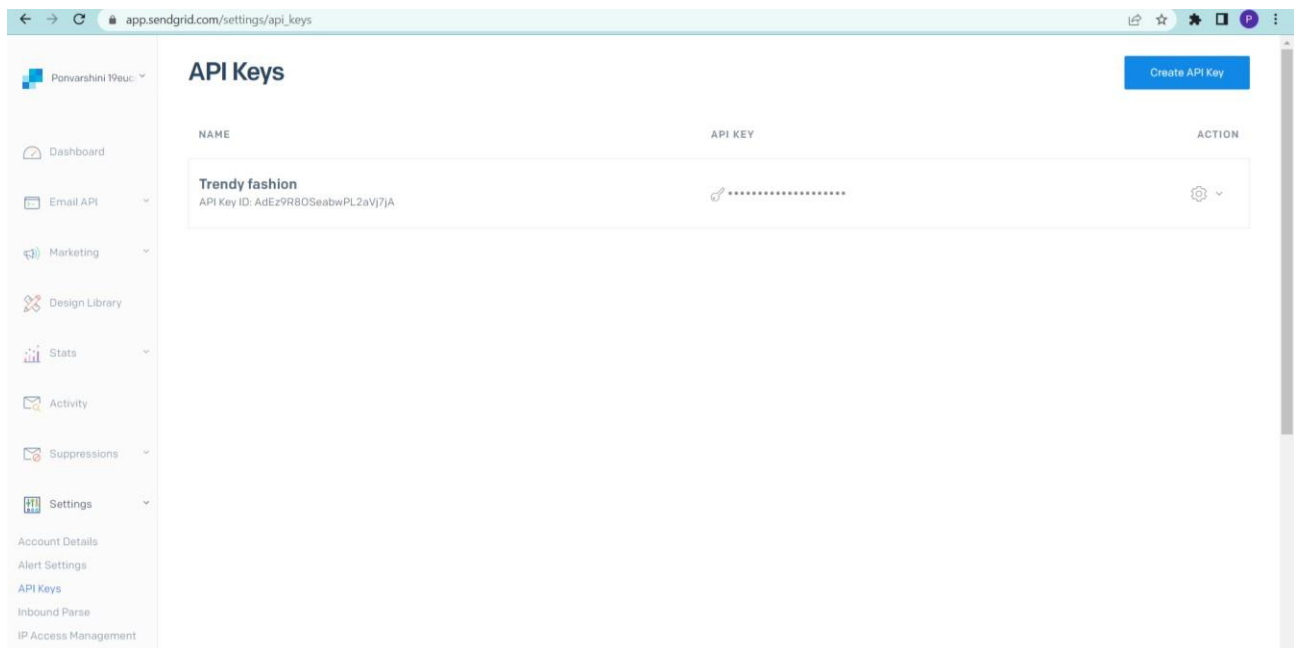
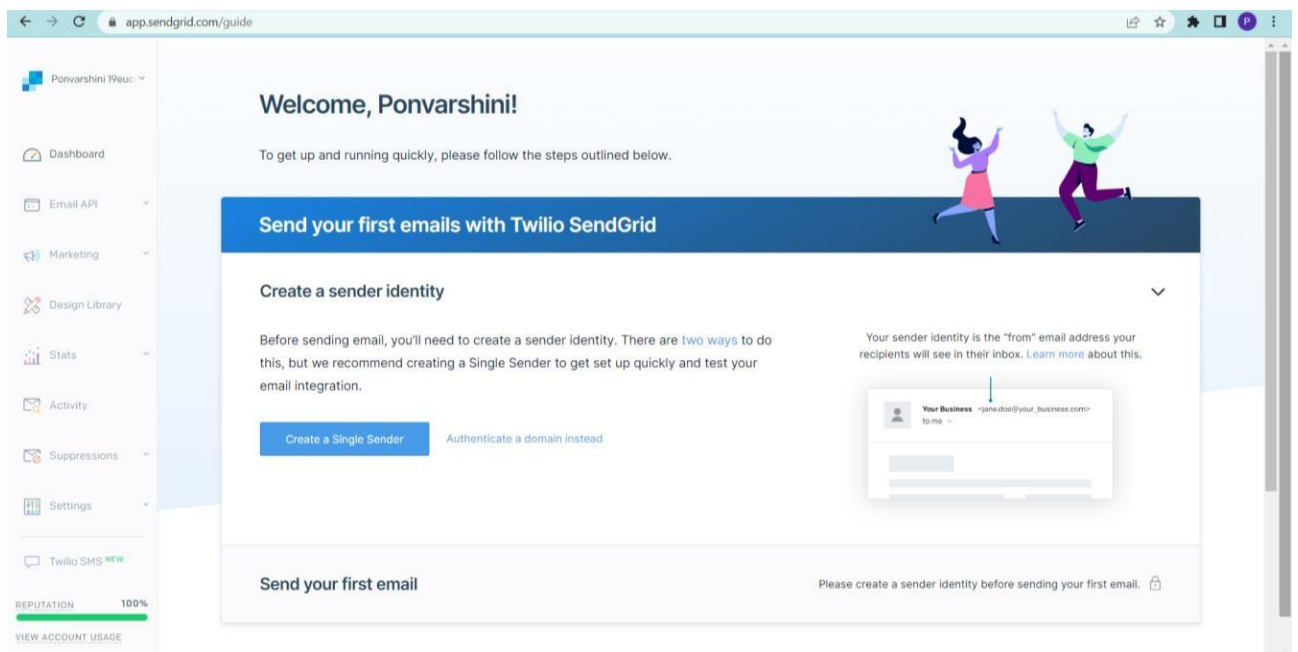Add on additional information being asked and click on "Get Started".

Creating API Keys to Create a Sender Identity

Account is being created and the dashboard looks as below,
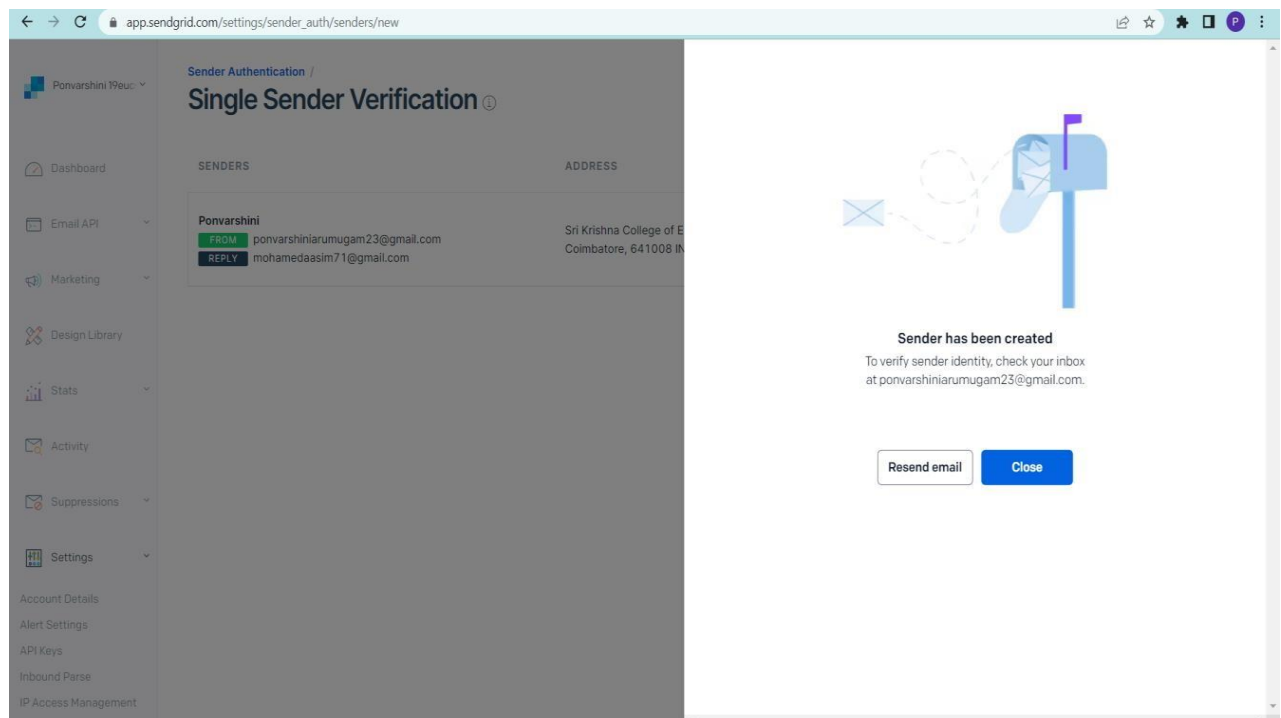
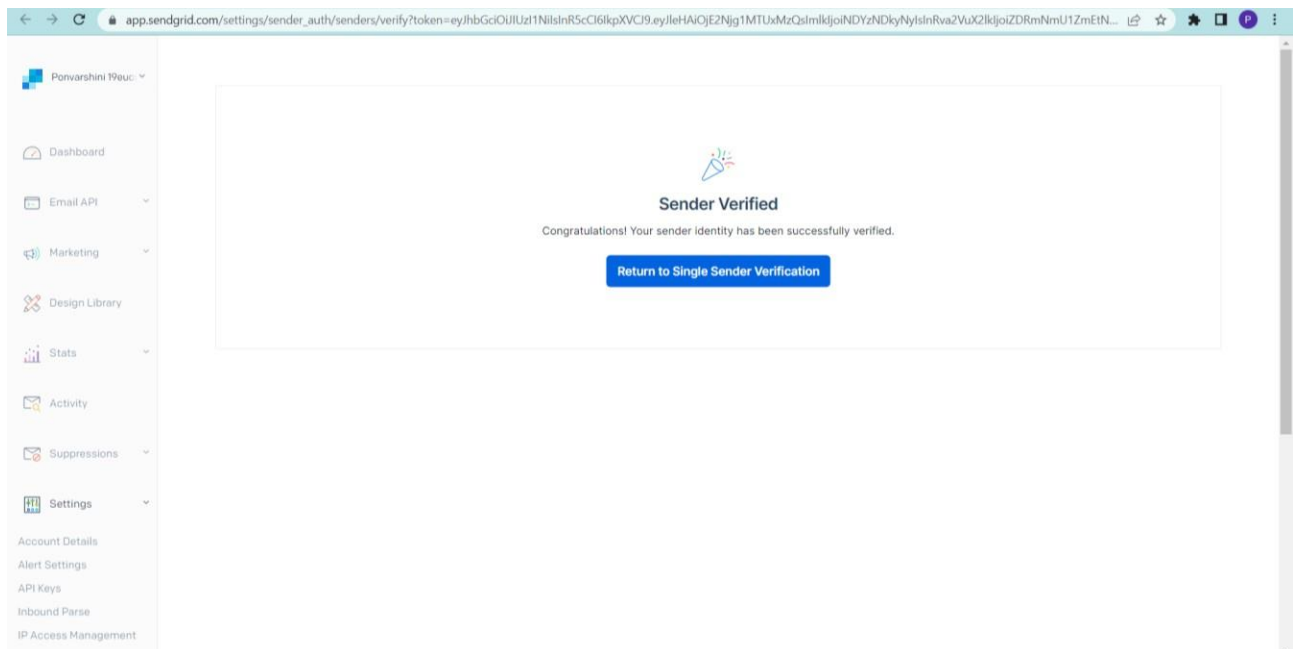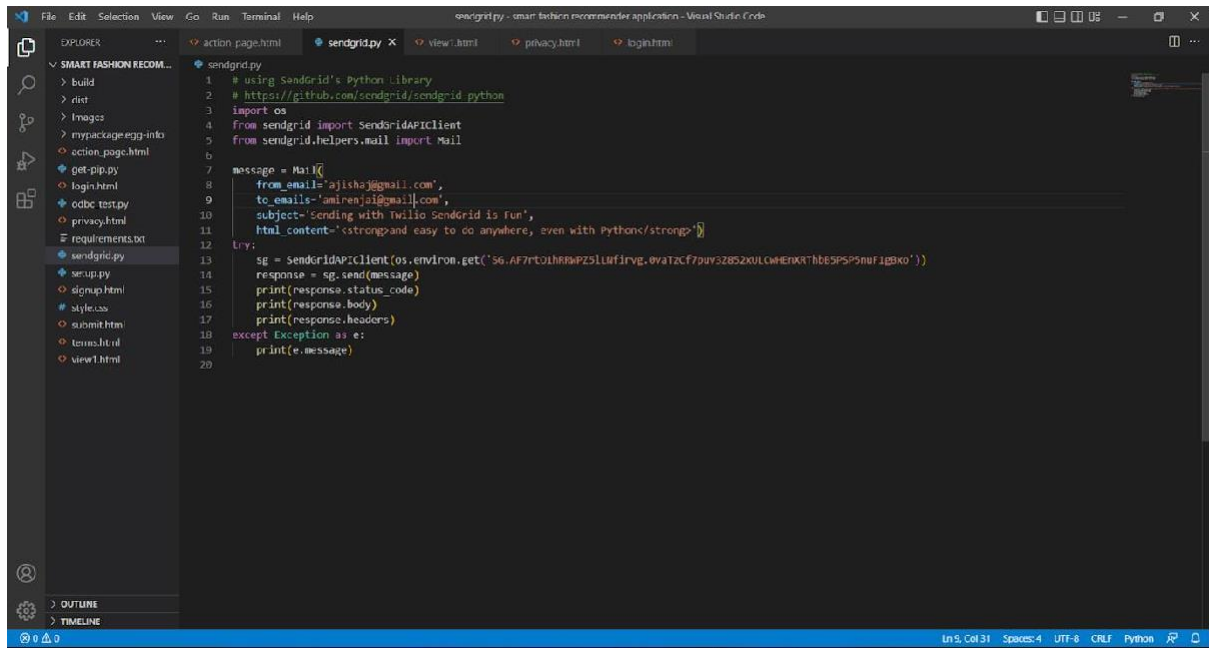## Install sendgrid in PowerShell:

Single Sender Verification:

Verifying Single Sender in Sendgrid:
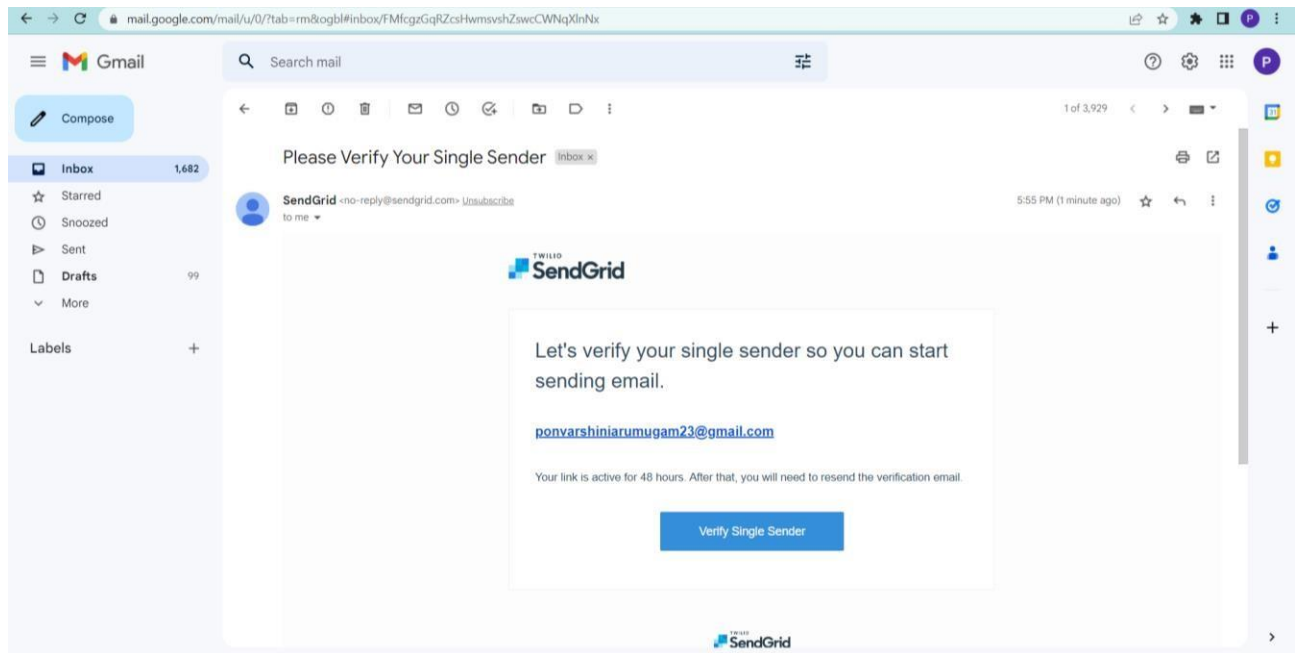
Now, Single Sender Identity is verified successfully:

Sendgrid integration with Python Code:


```python
# using SendGrid's Python Library
# https://github.com/sendgrid/sendgrid-python
import os
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail

message = Mail(
    from_email='ajishaj@gmail.com',
    to_emails='amirenjai@gmail.com',
    subject='Sending with Twilio SendGrid is Fun',
    html_content='<strong>and easy to do anywhere, even with Python</strong>')
try:
    sg = SendGridAPIClient(os.environ.get('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'))
    response = sg.send(message)
    print(response.status_code)
    print(response.body)
    print(response.headers)
except Exception as e:
    print(e.message)
```