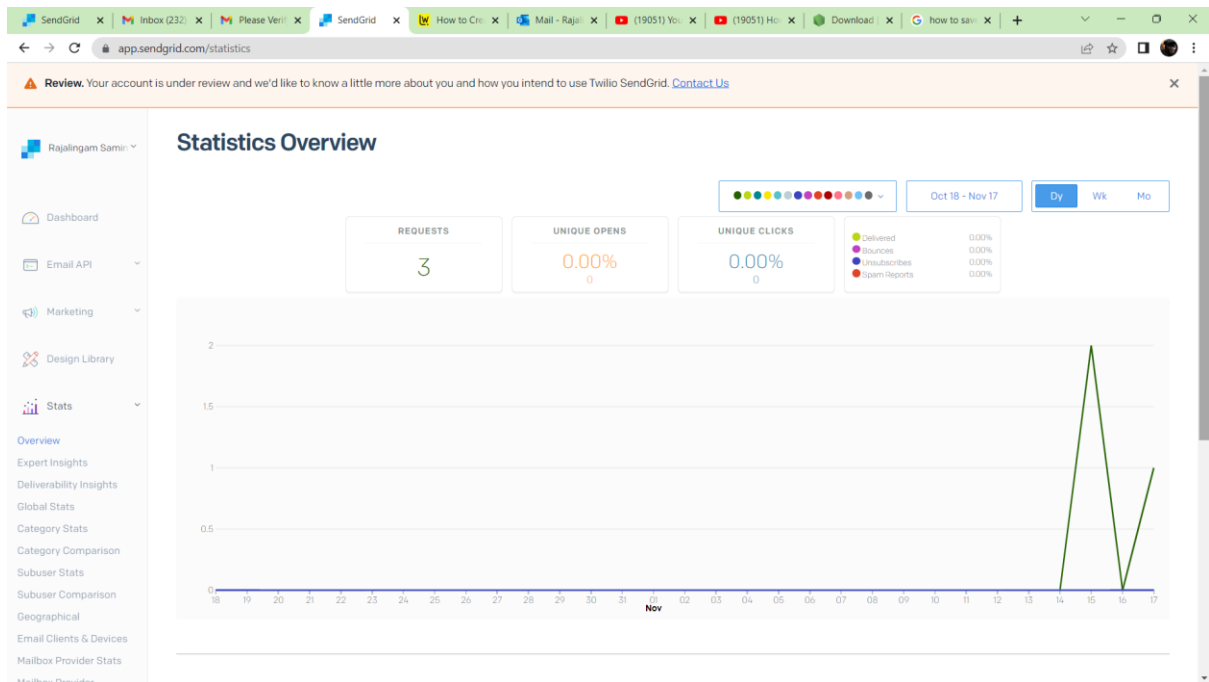


TEAM ID	PNT2022TMID32423
PROJECT NAME	Containment Zone Alerting Application

## SendGrid Integration with python code



```

File Edit Selection View Go Run Terminal Help
sendgrid

EXPLORER
  OPEN EDITORS
    Get Started
    app1.py
  SENDGRID
    app1.py

app1.py
1 import sendgrid
2 import os
3 from sendgrid.helpers.mail import Mail, Email, To, Content
4
5 sg = sendgrid.SendGridAPIClient(api_key='SG_15b16K9R8B1bkW1Qhkv1nQ.PJ0M6j80DH1zEGC-XlyU9K5v18Nx7QkukueA6tQZt9k')
6 from_email = Email("jameskarthi121@gmail.com") # Change to your verified sender
7 to_email = To("rajalingamraju19062002@gmail.com") # Change to your recipient
8 subject = "Sending with SendGrid is Fun"
9 content = Content("text/plain", "and easy to do anywhere, even with Python")
10 mail = Mail(from_email, to_email, subject, content)
11
12 # Get a JSON-ready representation of the Mail object
13 mail_json = mail.get()
14
15 # Send an HTTP POST request to /mail/send
16 response = sg.client.mail.send.post(request_body=mail_json)
17 print(response.status_code)
18 print(response.headers)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
Windows PowerShell
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PS D:\Mini Project\Raju\sendgrid> python app1.py
202
Server: nginx
Date: Thu, 17 Nov 2022 17:07:14 GMT
Content-Length: 0
Connection: close
X-Message-Id: c6W0K6f540d9TR_1uagHA
Access-Control-Allow-Origin: https://sendgrid.api-docs.io
Access-Control-Allow-Methods: POST
Access-Control-Allow-Headers: Authorization, Content-Type, On-behalf-of, x-sg-elas-acl
Access-Control-Max-Age: 600
X-No-CORS-Reason: https://sendgrid.com/docs/Classroom/Basics/API/cors.html
Strict-Transport-Security: max-age=600; includesubdomains

PS D:\Mini Project\Raju\sendgrid>

```