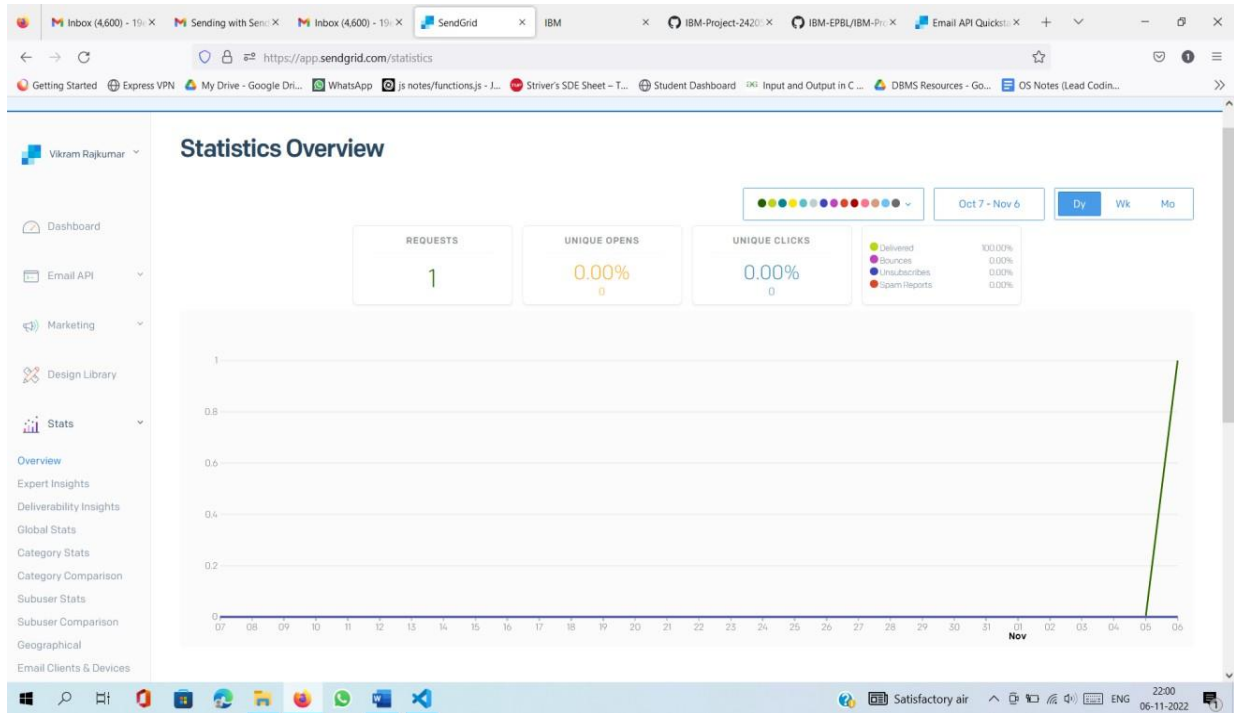


TEAM ID: PNT2022TMID17287

## SENDGRID INTEGRATION WITH PYTHON:



```
File Edit Selection View Go Run Terminal Help
app.py - 3. Integrating SendGrid Service - Visual Studio Code

EXPLORER
  app.py
  README.txt

OPEN EDITORS
  app.py
  README.txt

3. INTEGRATING SENDGRID SERVICE
  app.py
  README.txt

app.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.166srlvbaomLtpFCVbW.p5Ck2Aopgz2u4HfSPjefyOVSE1P69eyH2Gkkl5t_BY')
6 from_email = Email("vikramraj.kumar1828@gmail.com") # Change to your verified sender
7 to_email = To("kumarvikram1830@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)
19

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
File "C:\Users\91936\AppData\Local\Programs\Python\Python310\lib\site-packages\python_http_client\client.py", line 277, in http_request
  self._test, timeout=timeout)
File "C:\Users\91936\AppData\Local\Programs\Python\Python310\lib\site-packages\python_http_client\client.py", line 184, in _make_request
  raise ex:
python_http_client.exceptions.ForbiddenError: HTTP Error 403: Forbidden
PS C:\Users\91936\Documents\IBM\NALAYATHIRAI\PROJECT FLOW\3. Integrating SendGrid Service> flask --debug run
202
Server: nghttpx
Date: Sun, 06 Nov 2022 15:22:12 GMT
Content-Length: 0
Connection: close
X-Message-Id: TQM4KzeH5K5plizW06-eg
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

Ln 12, Col 53 Spaces: 4 UTF-8 CRLF Python 3.10.6 64-bit Go Live
```