

# SendGrid integration with Python code

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Project Name	Customer Care Registry

Installing sendgrid package in python:

**Command** : pip install Sendgrid

**Python code:**

```
import smtplib
import sendgrid as sg
import os
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail, Email, To, Content
SUBJECT = "customer care registry"
s = smtplib.SMTP('smtp.gmail.com', 587)

def sendmail(TEXT,email):
    from_email = Email("suhilakshmimani@gmail.com")
    to_email = To(email)
    subject = "Registstraion"
    content = Content("text/plain",TEXT)
    mail = Mail(from_email, to_email, subject, content)
    try:
        sg=SendGridAPIClient('SG.4x06lAJ3T1eoXq74NFtJYQ.1Ypn2vxAZ1I2718lcTwJ1G
Babiyj50X7QcRa-_6Xk_E')
        response = sg.send(mail)
        print(response.status_code)
        print(response.body)
        print(response.headers)
    except Exception as e:
        print(e)
```

## Output:

The screenshot shows the SendGrid Activity Feed for the user 'suhilakshmi'. The interface includes a sidebar with navigation options like Dashboard, Email API, Marketing, Design Library, Stats, Activity, Suppressions, and Settings. The main area displays a table of email activity. A search bar at the top allows filtering by email address and dates. The table lists two delivered emails to 'suhilakshmi2001@gmail.com'.

STATUS	MESSAGE	LAST EVENT RECEIVED	OPENS	CLICKS
Delivered	To: suhilakshmi2001@gmail.com registration	2022/11/16 4:21am UTC+00:00	1	0
Delivered	To: suhilakshmi2001@gmail.com customer feedback	2022/11/16 3:34am UTC+00:00	2	0

The screenshot shows a Gmail inbox with a single email titled 'registration' from 'suhilakshmi2001@gmail.com'. The email content includes a pink banner stating 'Registered successfully', an 'Unsubscribe' link, and a message from 'CCR' thanking the user for registering for a customer registry event on 09/11/2001 in Chennai. The email also features a cartoon illustration of a person at a computer.

Dear suhi, I am reaching out to thank you for registering to customers registry that will be held on 09/11/2001 at chennai. We will send you a reminder one day before the event. Please feel free to share your experience once you start using CCR.