# INVENTORYMANAGEMENTSYSTEMFORRETAILERS

## Domain: Cloud Application Development

TeamID	PNT2022TMID31378
ProjectName	InventoryManagementSystemforRetailers

# $\underline{\textit{SendCridIntegrationwithPythonCode}}$

#### 1. Createanaccount

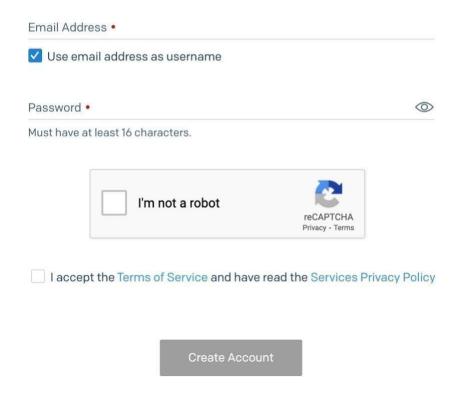
After entering the website, click on the <u>start for free button</u> and youwillberedirected to the following page. Entertheemail and password to create an account.

#### Accountcreationpage



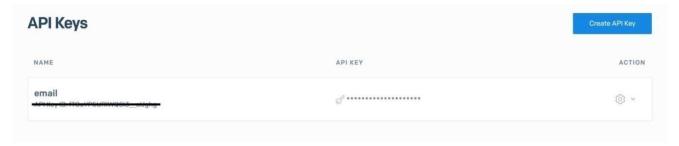
# **Let's Get Started**

Sign up for free. No credit card required.



## 2. CreateanAPIkey

After we have successfullycreatedour account, the next step is tocreate an API key so that we can use it in our python code tocommunicate withour account.



**API**keyslíst

## 3. Emailverification

The next thing we have to do is to verify our email which we will beusingtosendemails. We can verify our email intwo ways, either by single sender verification or domain verification.

# Coding:

### Thecodeexample

Letuscreateasimpleprograminpythontosendanemail. First, we have to install the SendGrid Python library. You can easily install itusingpipbyrunningthefollowing commandiny our terminal. \$pipinstallsendgrid

 $Once the package is {\it installed}, we can send emails using {\it Send Crid}. I have added apython code example below.$ 

#### Conclusion

Hope this article is helpful. In addition to python, they also support other programming languages right out of the box.

#### Samplecode:

```
importos
fromsendgridimportSendGridAPIClientfromsendgrid.helpe
rs.mailimportMail

message=
Mail(from_email='from_email@example.com',to_emails='to
@example.com',subject='SendingwithTwilioSendGridisFun',
html_content='<strong>andeasytodoanywhere,evenwithPython</strong>')try:sg=SendGridAPIClient(os.enviro
n.get('SENDGRID_API_KEY))
response=sg.send(message)print(respo
nse.status_code)print(response.body)
print(response.headers)
exceptExceptionase:print(e.m
essage)
```