

# INTEGRATING MAILJET SERVICE

Team ID	PNT2022TMID35705
Project Name	Personal Expense Tracker

## 1. Configuring MailJet:

### Verifying Sender Address:

Addresses

You can manually validate individual email addresses. In that case, we'll send you a verification email to verify that you own the address. Validating an address individually will allow you filter messages sent from this specific address when viewing statistics.

+ Add a sender address

LABEL	DOMAIN	E-MAIL ADDRESS	TYPE	STATUS	
Default	gmail.com	pvs1135.1@gmail.com	Unknown/Both	Active	Manage
ibm-prj	smartinternz.com	2019503059@smartinternz.com	Transactional	Active	Manage

Items per page

10

20

50

## Generating account API key for authenticating our request

Sub-account API Keys

Q Search by name

ibm-project

API KEY

2226\*\*\*\*\*

SECRET KEY

\*\*\*\*\*

10

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## 2. Python code to send email using MailJet:

```
from mailjet_rest import Client
import os

API_KEY = "" # username
SECRET_KEY = "" # password

SENDER_EMAIL = "2019503059@smartinternz.com"
RECIPIENT_EMAIL = "pvs1135.3@gmail.com"
USERNAME = "pvs"

mailjet = Client(auth=(API_KEY, SECRET_KEY), version='v3.1')
data = {
    'Messages': [
        {
            "From": {
                "Email": SENDER_EMAIL,
                "Name": "Team: PNT2022TMID35705"
            },
            "To": [
                {
                    "Email": RECIPIENT_EMAIL,
                    "Name": USERNAME
                }
            ],
            "Subject": "Welcome to Personal Expense Tracker",
            "TextPart": "Greetings from Team: PNT2022TMID35705",
            "HTMLPart": "<h3>Dear customer, welcome to Personal Expense Tracker</h3> <br /> Track your daily, monthly and yearly expenses!"
        }
    ]
}

result = mailjet.send.create(data=data)
print (result.status_code)
print (result.json())
```

## OUTPUT:

```
PS D:\CS subjects\IBM Project\Tranning session\Project Development Phase\Sprint 4> python .\mailjet.py
200
{'Messages': [{'Status': 'success', 'CustomID': '', 'To': [{'Email': 'pvs1135.3@gmail.com', 'MessageUUID': '223914cc-bfbd-4bfb-bdd5-e85f4c2bee42', 'MessageID': 288230391171625627, 'MessageHref': 'https://api.mailjet.com/v3/REST/message/288230391171625627'}], 'Cc': [], 'Bcc': []}]}
```