**Django - Celery Email Assignment** :

Project Name: **mail\_project**

App Name: mail\_app

Technology stack: Linux-SQLite3-Python-Django Rest Framework-Celery-RabbitMQ

Python version used: 3.6.7

Django version used: 2.1.4

DRF version used: 3.9.0

Celery version used: 4.2.1

RabbitMQ version used: 3.7.10

Note:

* Run the following commands to install required linux(ubuntu) packages and python libraries.

-- sudo apt-get install rabbitmq-server

-- pip install celery

-- pip install django

-- pip install django-celery-email

-- pip install django\_celery\_results

* You can use Postman app for checking the api or use curl or any other method.
* I have created a gmail account (adityashettytss@gmail.com) for testing this api, so after providing email address & email HTML content to the api, email will be received from this email id.

# Task Steps

* First start the celery worker process (from mail\_project directory) by using following command

-- celery -A mail\_project worker -l info

* Then start the django server by using following command

-- python3 manage.py runserver

* For this API use POST request & json data (in the body of request) as input

eg: {"email\_id":"[adityashetty0302@gmail.com](mailto:adityashetty0302@gmail.com)",

"email\_content":"<h1>hey!! It worked</h1>"}

* Response is in json form.
* For curl use

curl --header "Content-Type: application/json" --request POST --data '{"email\_id":"adityashetty0302@gmail.com", "email\_content":"<h1>hey!! It worked</h1>"}' <http://127.0.0.1:8000/send/>