



PROJECT REPORT

Deployment of Project on the Heroku

Below are the steps followed to deploy the code on the Heroku.

Step1: - Add your Project folder in the one separate directory. Now your file structure will be (./Parent_dir/Project_dir) .

Step2: - Create a duplicate python environment in Parent Directory by using command `python -m venv venv/`

Step3: - Use command `.\venv\Scripts\activate` to activate the virtual environment in the Parent Directory.

Step4:- Use command `pip list` to see which modules are present on the virtual python environment.

Step5:- Install the Modules in the virtual Environment using `pip install Module_name1, Module_name2`

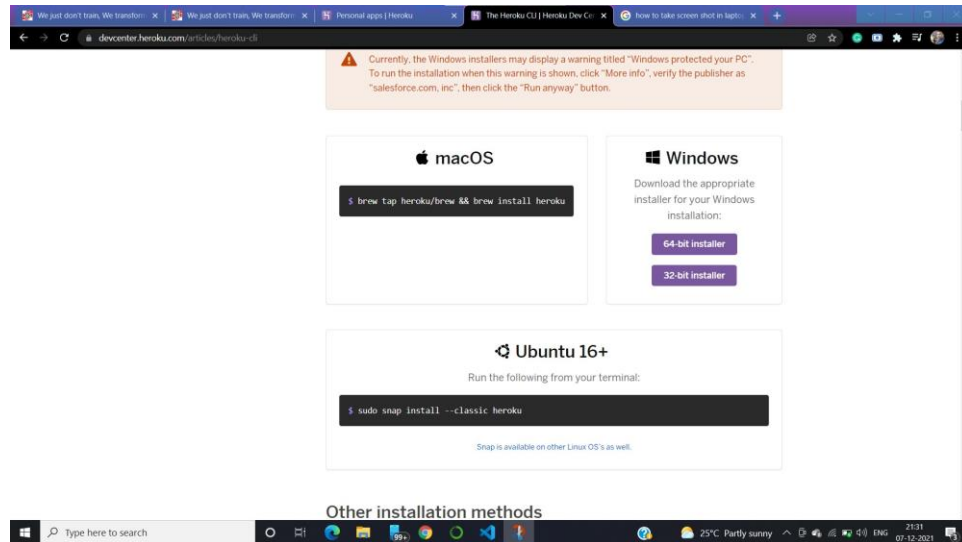
Step6:- Create a Procfile in the web_app directory. To run Streamlit application Insert

`web: sh setup.sh && streamlit run project.py` in the file.

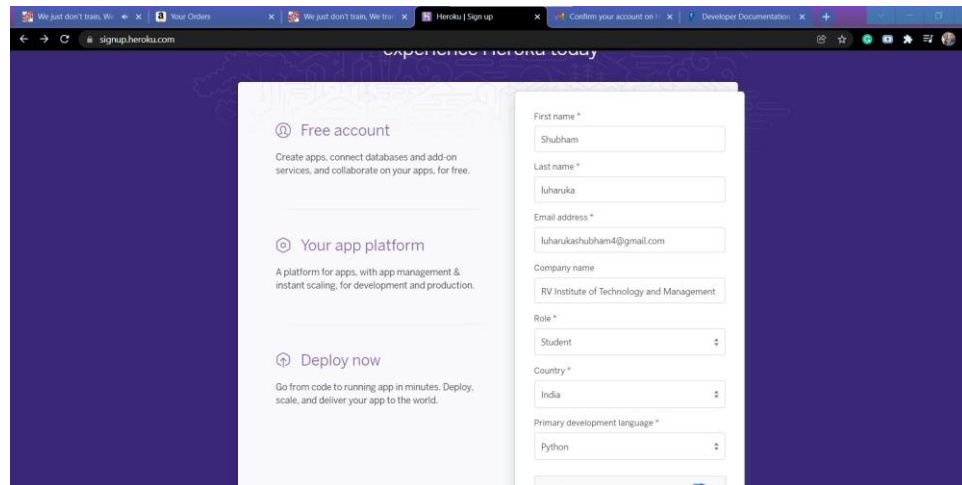
Step7: - Create a requirement which keeps all records of installation required to run the project.

`pip freeze > requirements.txt`

Step8:- Install Heroku CLI Client from website:



Step9:- Signup in the Heroku.com if you are new user.

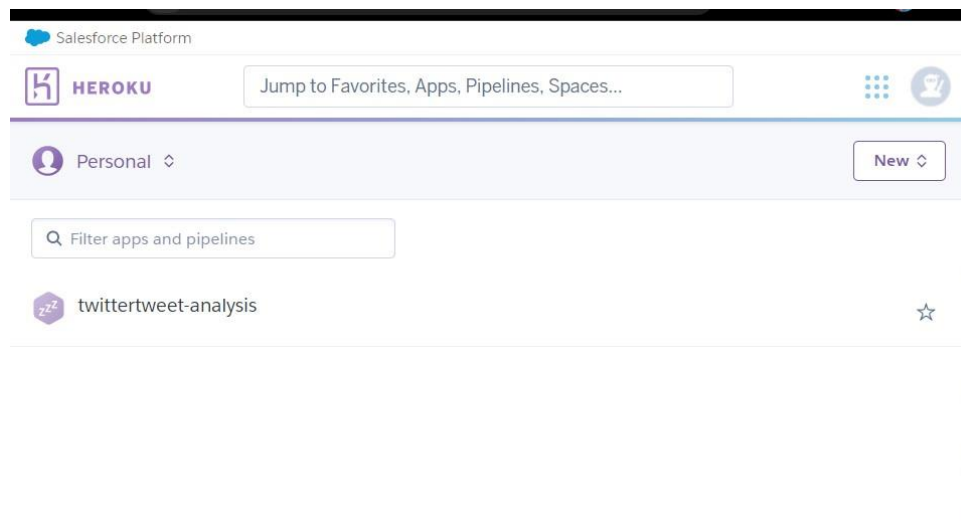


Step10:- Use command `heroku login` to login in the CLI .

Step11:- Git is used for Version Control. There are several command used to add the file in the final stage of branch.

Command like: `git init`
`git add .`
`git commit -m "Files added"`
To add all the files.

Step12: Use command `heroku git:remote -a app_name` to use the space on the heroku for posting.



Step13: Push the whole repository on the heroku.
`git push heroku master`