Dockerfile:

* Basic

**FROM ubuntu:18.04**

**RUN apt-get update -y && apt-get install -y python-pip**

**COPY ./requirements.txt /app/requirements.txt**

**WORKDIR /app**

**RUN pip install -r requirements.txt**

**COPY ./astronautinfo.py /app/astronautinfo.py**

**COPY ./templates/getastronautinfo.html /app/templates/getastronautinfo.html**

**EXPOSE 80**

**ENTRYPOINT ["python2", "astronautinfo.py"]**

Build Docker Image

Go to the directory where this dockerfile is saved and run the following command

**docker build -t astronautinfo:v1 .**

* Passing Environment Variables
* Docker Exec
* Persisting data with Volumes

Push the image to DockerHub.

1. Login to DockerHub using ID and PWD

**docker login**

1. Create a repository
2. Push the image