Using raspbian or raspbian lite - install os first.

Then…

   a. Install the following prerequisites.

$ sudo apt-get install apt-transport-https ca-certificates software-properties-common -y

    b. Download and install Docker.

$ curl -fsSL [get.docker.com](http://get.docker.com/) -o get-docker.sh && sh get-docker.sh

 c. Give the ‘pi’ user the ability to run Docker.

sudo usermod -aG docker pi

   d. Import Docker CPG key.

sudo curl <https://download.docker.com/linux/raspbian/gpg> | sudo apt-key add -

   e. Setup the Docker Repo.

vim /etc/apt/sources.list

         Add the following line and save:

deb <https://download.docker.com/linux/raspbian/> stretch stable

   f. Patch and update your Pi.

sudo apt-get update

sudo apt-get upgrade

   g. Start the Docker service.

systemctl start docker.service

   h. To verify that Docker is installed and running.

docker info

   i. You should now some information in regards to versioning, runtime,etc.

That’s it! The next step is about starting Docker and enabling it at boot:

sudo systemctl enable docker

sudo systemctl start docker

Now that we have Docker running, we can test it by running the “hello world” image:

sudo docker run --rm arm32v7/hello-world

Luckily, we can still easily install Docker Compose from pip:

*# Install required packages*

sudo apt update

sudo apt install -y python python-pip libffi-dev python-backports.ssl-match-hostname

*# Install Docker Compose from pip*

*# This might take a while*

sudo pip install docker-compose