High Level Starter:

https://www.dataquest.io/blog/docker-data-science/

Look at his makefiles on GitHub

> docker run

> docker run pulls images from docker hub

If you want to create an image you need to use docker build, and then docker run

How to create make file so that docker run will not exit immediately.

Look at this docker file, notice how bash is executed - this keeps process running. In addition to this need to use flags -it

How to save data in docker

https://stackoverflow.com/questions/19585028/i-lose-my-data-when-the-container-exits

How to access the shell in docker container

https://askubuntu.com/questions/505506/how-to-get-bash-or-ssh-into-a-running-container-in-background-mode

Where are docker images stored?

https://stackoverflow.com/questions/19234831/where-are-docker-images-stored-on-the-host-machine

What are the names all about - when you run > docker ps -a

https://stackoverflow.com/questions/25230812/when-to-use-dockers-container-name

You can start , stop, attach by name

You can commit with name

Deleting images and containers

Containers are specific instances of images.

☐ #TODO:

- install docker on ubuntu

- see what memory and compute config looks like there

- understand how to mount volumes

- understand what happens to data on mounted volumes after exit

- try nvidia-docker

- check out this public fast.ai image.

- understand what > docker-machine command is, see example of using docker image here.