

INSTRUCTION FOR RUNNING DOCKER IN LOCAL MACHINE

1. Download and install docker

<https://docs.docker.com/engine/install/>

2. Load the downloaded docker image to a machine

> open CMD (*in Window*) or prompt (*in mac or linux*)

> *start_docker_engine_by_typing* dockerd

> cd *to_path_where_docker_image_present*

> docker load -i mri_triage_normal.tar.gz

3. Run docker image after loading the image

For windows CMD run:

```
> docker run --shm-size 8G -it -v "/c/Users/Arka/Desktop/data":/data  
mri_triage:latest /bin/zsh
```

or

```
> docker run --shm-size 8G -it --mount  
src="/c/Users/Arka/Desktop/data",dst=/data,type=bind mri_triage:latest /bin/zsh
```

For Linux run:

```
docker run --shm-size 8G -it -v /data/Arka/my_folder:/data image_name:tag  
/bin/zsh
```

4. Modify the path “starting with: /data” in the csv file and then copy to input folder of the loaded docker image

```
cp /data/test_dataset.csv /root/input
```

5. Go inside docker folder “testing”

```
cd /root/testing
```

check folder content using > ls /root/testing

6. Run the inference.py

```
python3.9 inference.py
```

[note: simple python inference.py will throw error due to dependency issue]

7. COPY the output files to local working directory

```
cp /root/output/probability.csv /data/  
cp /root/output/roc.png /data/
```

[Note: ROC curve will only be saved if ground truth labels has both classes]