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 --name data --mount src="/c/Users/Arka/Desktop/data",dst=/config,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]