\*\* BOTTOM UP ATTENTION IMAGE COMMANDS \*\*

## HTCONDOR ## -- > python /opt/butd/tools/generate\_tsv.py --data\_root /vol/teaching/HernandezDiazProject/Data/Places365/trainshmol/ --split train --gpu 0,1,2,3,4,5,6

\*\* MASTER DOCKER IMAGE COMMANDS \*\*

/vol/teaching/HernandezDiazProject/Models/LXMERT/github/data/Places/extract\_places\_images.py -imgroot /vol/teaching/HernandezDiazProject/Data/Places365/test\_256/ --split test

------------------------------------VILBERT------------------------------------

- run fine-tuning (Image classification Places365)

***## LOCAL ## ->*** **sudo docker run -v** /mnt/c/Users/aleja/Desktop/MSc\ Project/images:/images **--gpus** **all** cocoalex00/master\_container bin/bash -c "python /models/ViLBERT/github/ImageClassificationTrain.py **--config\_file** /models/ViLBERT/github/config/bert\_base\_6layer\_6conect.json -**-annotTrain** /images/totest/train.json **--annotVal** images/totest/train.json **--tsv\_train** /models/Dataset\_Utilities/valid\_obj36.tsv **--tsv\_val** /models/Dataset\_Utilities/valid\_obj36.tsv **--output\_dir** /models  **--checkpoint\_dir** /models"

-------------------------------------LXMERT----------------------------------

- run fine-tuning (Image classification Places365)

***## LOCAL ## ->*** **sudo docker run -v** /mnt/c/Users/aleja/Desktop/MSc\ Project/images:/images **--gpus** **all** cocoalex00/master\_container bin/bash -c "python /models/LXMERT/github/ImageClassificationTrain.py **–from\_pretrained** /models/LXMERT/github/snap/pretrained/model -**-annotTrain** /images/totest/train.json **--annotVal** images/totest/train.json **--tsv\_train** /models/Dataset\_Utilities/valid\_obj36.tsv **--output\_dir** /models  **--checkpoint\_dir** /models"