**INSTRUCTIONS to run ipynb notebook:**

**From:** R SIDDHARTH-AgeingSign-Batch15

**1)**The notebook needs to be run with Google-Collaboratory with GPU or TPU to satisfy the requirements.

**2)**All the dependencies such as,

**=>torch ,**

**=>image** and **clear\_output** from **IPython.display** and

**=>gdrive\_download** from **utils.google\_util** will be made available during runtime by the code line **7** in ipynb notebook.

**3)**If required Lowercase y ( [y]es ) need to be given **twice** in line number **10** to ipynb notebook to work seamlessly with roboflow.(First y is used to replace README.roboflow.txt and Second y is used to replace data.yaml).

**4)**Code line **17** is done with 20 epochs due to my lap requirements,

**=>**As it is a group project our group done with 2000 epochs which accounts to **0.75** precision(75% accuracy).

**=>**It is editable(It is advised to change epochs to 2000 for better results before running the cell during evaluation).

**=>**With 20 epochs there won’t be any localisation as it has only around **0.2** precision.

**=>**Run again if an error occurs.

**5)**The precision can be seen in code line **18** in metrics/precision plot in tensorboard and the reduction in loss can also be seen.