

Assignment - 3

1. Study and implement the below mentioned loss functions as per the given groups:

Groups	Loss Function	Reference
Group 01-06	CosFace	Link
Group 07-12	ArcFace	Link
Group 13-18	Focal Loss	Link
Group 19-24	AM-Softmax	Link

Assignment submission Link:- https://drive.google.com/drive/folders/1r1XpRhIq-t0T6HKTM6cN731wQetNoxPV?usp=drive_link

NOTE:

1. These above loss functions are used for face recognition task.
2. You can take reference from any online resource.
3. Make Notes of the above loss function and submit.
4. You also need to demonstrate the working of above loss function using dataset of your choice.
5. Submission Deadline is 01/10/2023.
6. The python file should be in .ipynb format.
7. Every group should make a folder in the shared drive and rename it according to your group no. and then upload notes pdf and .ipynb file.