## Computer Vision ((V) P-2

## - Techniques

- · Convolutional Neural Network (CNN) -> Backbone of ev basts
- · traster learning using pre trained models to save time Iresones
- · Data Augmentation & Rotation, Flips 1 color changes to improve training
- a Attention Mechanisim o letting model focus on important regions
- e Vision transformers (ViTs) + Apply transormer arether ture to vision tasks
- Evaluation Motorics
  - , According (classification)
  - · pricision, Rreall, Fl geore (detretion, organization)
  - mAP (moran Arg percision)
  - . I ou (intersection over union)
  - · PSNR 155EM (im) quality)
- Datasah: Imaga Not , MNEST Libraries: [consorflow / Krows, Pytorch
- o NOTE: Things Like GNN fell under drep training. and things Like GANs ldiffusion moders are generative models box CLEP is a Multimodal Model.
- · NOSE: All of CV is not img gen and arbj recognition (MC) alor or it is AI Like img filters, img compression and is more of classic CV which includes things Lifer Era. ing gen, face reg, 89 obj reg came mostly attractive learning

Scanned with CamScanner