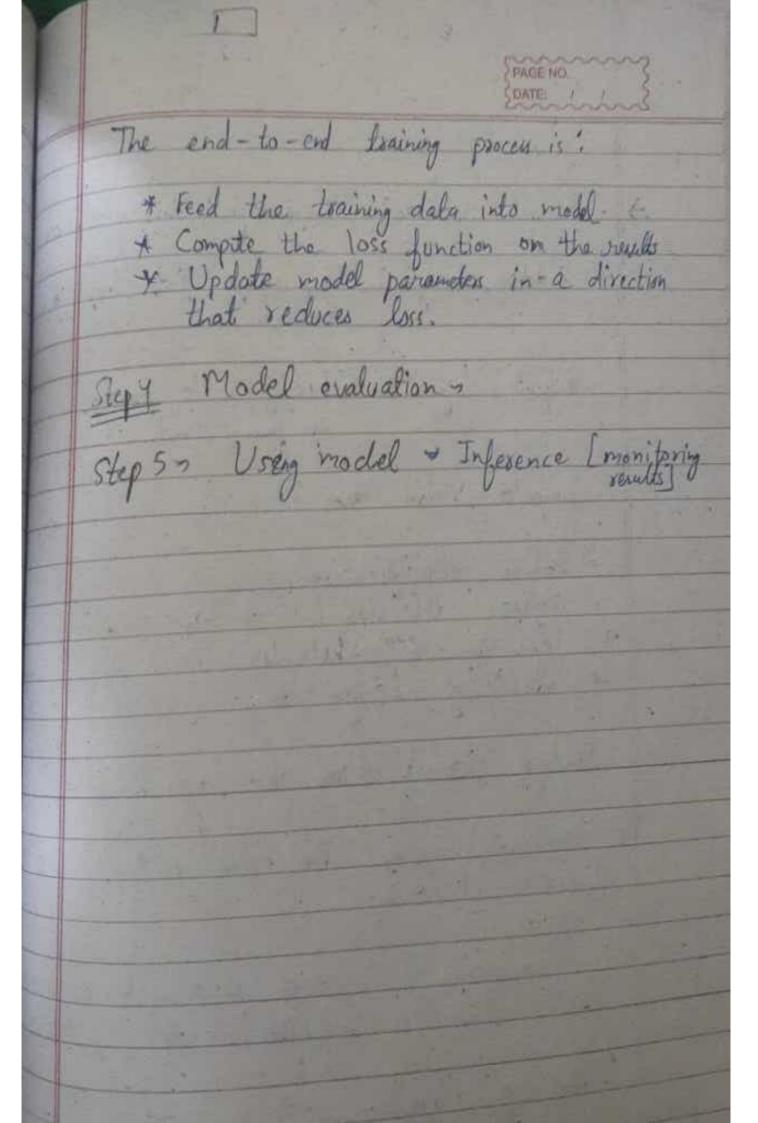
PAGE NO.

Model - generic program, made specific by Model Training algo > analyzet with end point to be made & iterate what changes Model Inference & when trained model .
is used to make predictions Major steps in ML Process > Define -> Build -> Train the -> Evaluate -> Use the problem dataset model the model model - Define the problem :-\* Be specific Labeled Data > Supervised learning \* ML Task Untabled Pates Learning

Supervised learning :-Categorical less Continuoses labor Exagramian J Step 2 & Build dataset Octa collection - Data Inspection Data Statistics Surray Transform your Lateret your Step 3 Model Training: -Splitting Dataset: Before you begin to septit your delant. Training you need · Majority will be held in towning delast.
· The test dataset will be used during model evaluation.



PAGE NO. Cesson-3 Input layer: This ocion Neval nelworks: Hidden Layer: This layer finds importer ordput layer: content layer: This generates prediction Computer Vision Tarks: Janage classification

Object detection of where in image?

Semantic segmentation

Activity recognition. Image classification use cases: - Whate Sorting, Text Detection (OCK), Segmentation + Which privels in an image Activity successition > video, detect theyou that occur over the

Parposement Logaring: Agent , piece of agent you are training to reach a goal. Envisonment + sussounding area to which agent state o current position within environment that is visible, known to an agent Feedback of is a numerical round. Episode , a period of trial & error when agent makes decisions & gets feedback from its envisonment 1 Soft Actor Critic (SAC) - Data epident of Continuous Action space. lack stability 2) Proximal Policy Optimization (PPO) Action space - set of all valid actions.

Action space - set of all valid actions.

Avaidable to agent as it interacts.

Disco iminative technique > Generative technique of generative advogatial networks (GAM) Autoregravive models (AR-CNN): - depos Trainformer based models & data will stoucture. yenerator > creates muic Discriminator : judges 2 coach