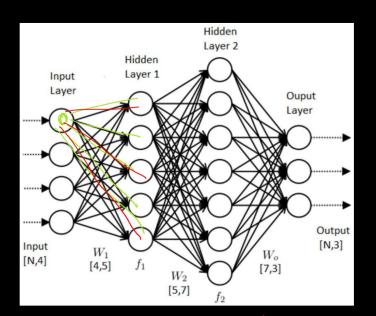
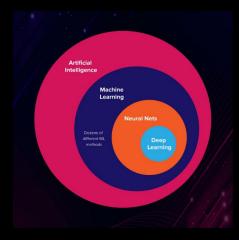
Today's Agenda What is Deep learning? Al us ML vs DL Why DL is popular ? Perceptuon ML -> Stastistical Methods DL > Logical Structure (Haman Brain) nodes percet



Inter Connected nodes



Frature Extraction

Black Box

Explainbility

CNN - 90% 100/0

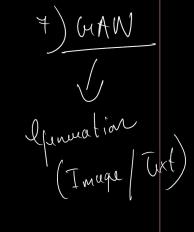
Net Newa Types 2)(NN)ANN MLP

Images Video

RNN

Lucus form

> Structured



Why DL popular? 1% -001 Money Experiment

Time

Time

Fashion, Defence, Banking Effort

Tosmance, Aquicallure

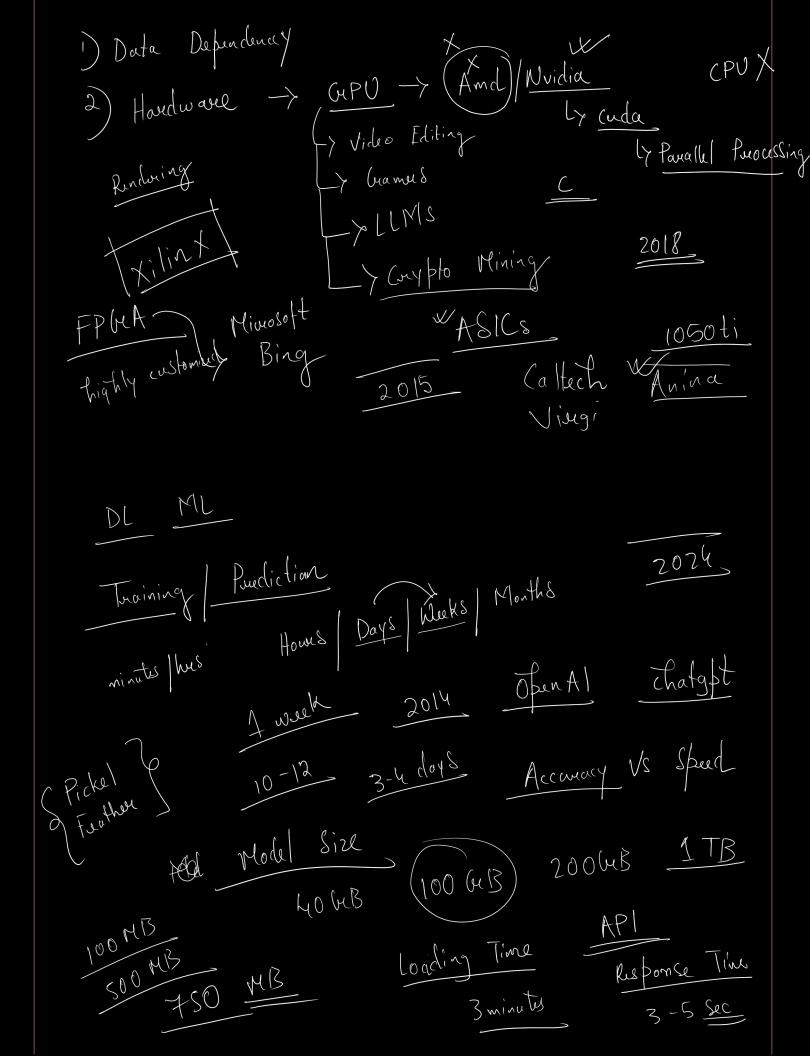
Content Gualion, Automotive

Content Gualion, Econo

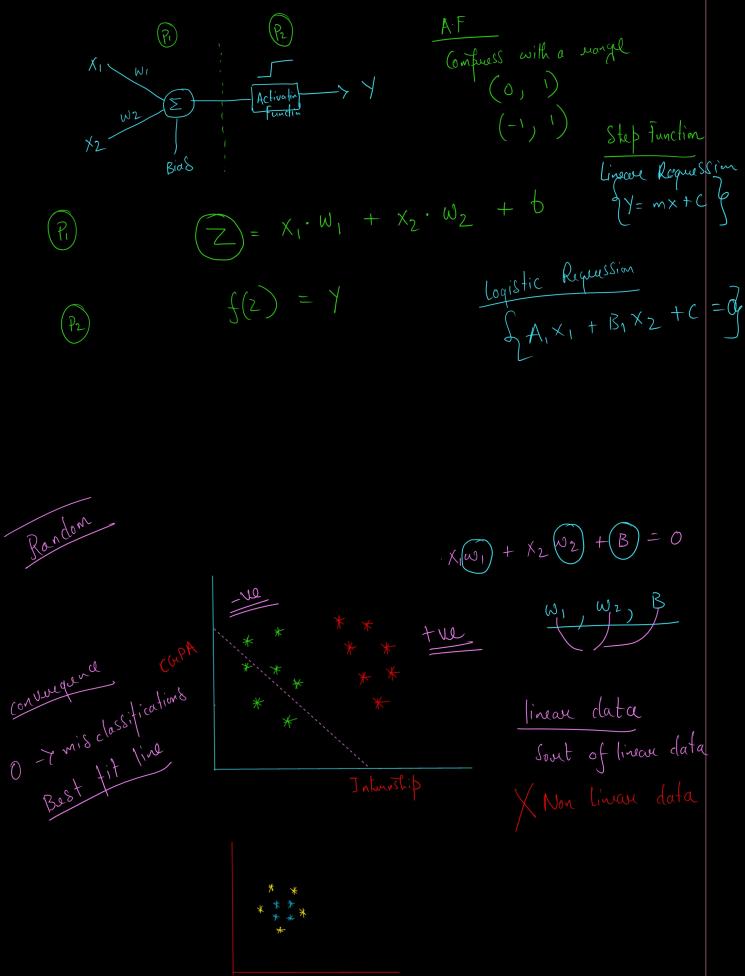
Fig. Surpassed Human Envors

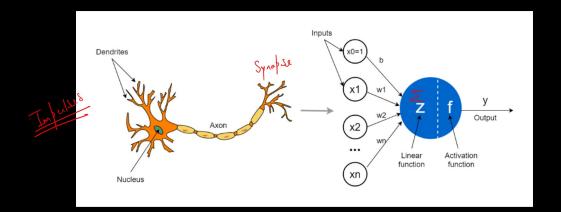
Lesson

Lesson DRDO Wall Stunt y Facial Recognition Alphago CV NIP W/Justunctured Data docs, images, text 7× 43 2015 - 2016 Do I recl DL for staulue dots? DD vs MI W100 -1000 750 MB_



DL us ML Data 2) Tuaining 3) Frature Selection 4) Handward 5) Explain/Inluput (0)Basic Building Block Weights Y output Output Wy = 80 model 2 What Model consists of numbers (Weights) + (Bias)





19608

80

2012

40/

* Electrochemical

* Newoplosticity

Newon -y Newon

Purception -y Purception