(AI) US (MI) US (DI) VS (DS) AI -> Smoot applications that can perform it without any human intervention. eg -> self-driving cars , robots. ML > Subset of AI which provides stats took to learn, analyze, visualize I develop. predictive models from data. eg-> amazon, netfix. (recommendation systems). DT -> mimic human prain = . Mysti-layered neural network. eg -, object detection, image occogniti, chatbot, chatgpt Moths O Linear algebra 1) statistics 3) probability g calculus. ME semporconent Seni -supervised unsupervised supervised (g-) customers cg. emper ... x x · pass/fail · house price Salary

gerni-supervised 9 supervised + semi-supervised Agent action Reinforcement learning is an area of ml concerned with how intelligent agents ought to take actions in an environment in order to massimise the notion of cumulative schard. It is one of the three basics machine learning Daradigas Train, test & validation. Dataset my model will validation +a+ training set hyper parameter test The model used to train the using unseen tuning of data model the model to Find accuracy)

Overfitting & Underfitting.
Dataset> overfitting Low Bias, High vor
TEST -> model is tested -> Accuracy (95)
NOTE: Training accuracy high? - olow bias
under fitting high bias 11000 vaniance
Train accuracy -355%] sunderfitting
Generalized model) accuracy should be good.