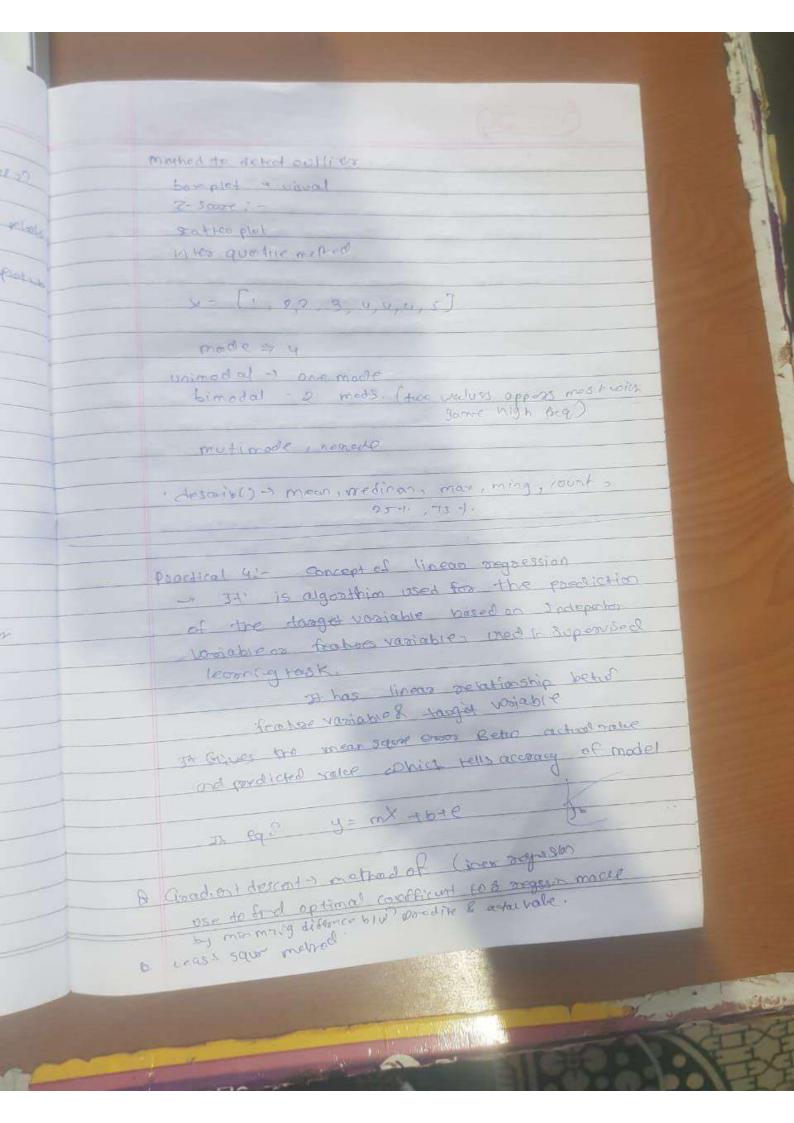
Theory do riva Loumpy Fandas Poachool 11-Loratplotling Seabon, Source leason Dota cosangling? - Process of cleaning, label encod (4:townsfroming & Proparing In converts the label saw data in stauche suitable for analysis. in numeric form as most of library one Bigdata - large collection Compatible with the at dataset & connot humistal dater. procesusing baditonal techniques. Nompy! It is the fundament library us as in python you can Petoom basic mathematical operation and also operation of among [add, muliny and basic operation like Rooting o indexing ex Pandas !-Parnas 16 an open source library providing high permanere easy to use date strutte and onalysis tools. It can used for manipulating the dala frame - Cupdate, delane, add colors to dorta frome) - Handing & Identifying missing values - Plonding, 8) Scikit team - opensone library feating algorithms like pardoral for si, + man de ton sum ete. It is use for classification: spundete 2 -9 ossion (1,1000 & logistic) model seachion ( 100 thing accomy & some ).

of material lib - material lib is an Data vision library use to plat different Visute technique such as chalab, graph, maps & 5) featon: - Seabour is advance years on of thought it has better design and spletalized visula techique. It is high lovel Decaus provide to simple & firsts ... Testique to handle missing placent fillin using filling & interpolation deopra peplacora Ponctical 2:-Data transformation - fetos to ETL ie enload to ons form wad. Smoothay- Incises one remand Aggrapio - T Posontia dada in Svitable from ale Gresspala 7 low well or high lev! normaliza of conting date whitein given rage to mosm in dala 2- 50008 min-max Declinal scality.



Supervised and Unsupervised learning: Packlad In Supervised learning -> Algorithm learns for labeld date a known date whose each telhat boing sol cosist featons & corresponding varible. base on this with make on now partier of insignit 1097 Spectil from unseen thata book. 1602) O unsupervised leconfor : Palgos inm leven from a Unlabel data which was no torget vosisce no poelict. It closes similar data pos figet. god is to find portion and insustist data controv ony guid more. Interpolate - Interpolate is method or function used to fill the missing value is dataset by the estimations metrod Fineon! estimate missing value loss on adjust non-mos valle 1) porynomial use porynomial for on gon-missiquall to Petimont vains

| Partial 8 ] without is logistic Rogassion: eo f Samuel Syrocia legistic respession is algorithm used for bring forch Classified, which was only two possible outcome topolifate yestao Ila It products the 100-1 probability of occasive of data part of logic more an posticulo class orbre method of logistic organision 7eh O Broom legistic (6) multinumial logistic organion !-- lineur regression give continous output /, K + logistic acgassion give constent output 12- sigmoid 17 Stoh poice, house price of podictify where putient has conceen not Confosion marking to marking of taking orad elel to an personne of model tre we true we false fue false -ve. ralle Handon sclave of Remove mean & unit the 30 Jalus e as mear on be Zeno center Precision ! measure of according of det instonce pecally measure of ability to correctly identify to -A instace.

Parettal 4: noure hages have of Dayer Cooky which ass all feather one independent of each ofth and calculate probately of frabe occupy in classing Backcal & - matphallip! Backcal g + 8 10 Puggiot - I dinestral reposentation P- (B) - agent of todas gury engre data store in apare-hadron a los fer. all to sun. Squ germins on big data frouldly fast process. (b) Scalas Scalable pools) Damiy longueje

Cohich has syntees similer to the javas . it's objec oriented & fine long Eurything in scalas object & operation pelo over method call Hadoop !- open source forme work for dubibuted stronge which story a documents in change on different Competer syste & process longe. data set. It's scalabel

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