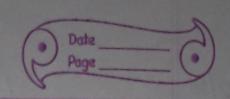
Page C Credictive Analytics 27/12/20 (Moditions) Regression: - A model used for quantifying coswal (Linear Regression) relationships among the different variables included in analyzis. gognession line; dosen to all absorbations. Logistic Regression: Non linear model Values on vertical line is 15 \$ 05 only. Used in decision making protest Chyter Aralysis: When observation are diviled into graps/chytex. y= a+ bx+ b2x2+...+ bnxn X: explaratory variable = regressor = independent vaouable = predictor variable



Factor Avalysis o save of suggression but with less devinersions

grouping of observations

foctor tralyis grouping of variables

Time Series: - · Ved in economic, financial

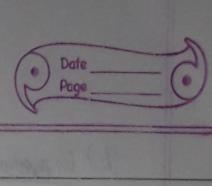
· Development of values over time

[M

Ex 3 Vset Experience (VX) : cluster analysis

Soler Forecasting : time series.

THE REAL PROPERTY OF THE PARTY OF THE PARTY



Me Creating an algo, which a computer then used to find
a model that fit the data as last or possible.

And makes very accurate predictions bused on that.

· total ferrior process
· each consecutive total is at least or good of
the previous one.

Data > Medel - chjective - Algo

. No rules or instructions. Only goal.

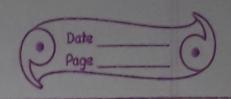
· troing stops after certain occurracy / trials.

Types of ML:

(a) Supervised Learning: training an algo nesembles a teacher supervising a student.

Subelled data: labelling the goal.

occurracy of each try can be accepted.



(b) Un supervised Learningo Unlabbled data.

o no prior info about target

(c) Reinfarcement Learning: - · a seward system

Better ? neward? Positive Reinforcement
Worse? None

SVMs = Support Vector Machines NNs = Newal Networks

Deef Larning: - of fundamentally different

"broad proctical scape (high occurray)

Supervised, un supervised & reinforcement