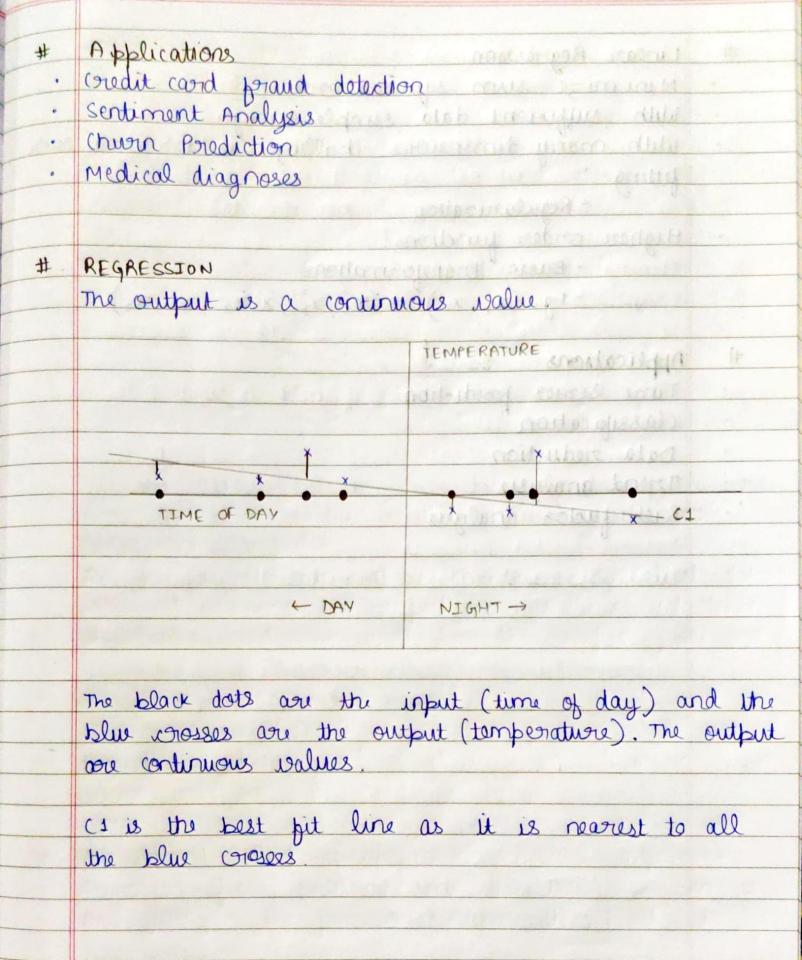


purether but at the cost of having a more complex classifier. so, use can generalize this by saying everything to the left of the line will not buy a computer and everyone to the oright will buy the computer. The POTOCESS " # Toronning Set classifier Training X1, Y, Algorithm Validation Test Set Xi, Yi Linder in bronze had What happens inside a training algorithm? # OUTPUT > 9 AGENT an estudion of my TARGET TARGET



Linear Regrossion · Minimize sum squared error with many dimensions, challenge is to avoid over fitting - Regularization Higher order functions?

- Basic transformations

- Eg. $(x_1, x_2) \rightarrow (x_1^2, x_2^2, x_1x_2, x_1, x_2)$ Applications Time series prediction classification Data reduction Torend analysis Risk pactor analysis