--

-3

ElasticNet Regression

of Ridge Regression and - it & the combination losso Regression.

1= \$ (4:-3:)2+ > | MMI Ridge Regression)

> (W12+22+--- 2/2)

- here 21 than Happroches o - here all column are impostant L= E (4,-9,)2+ AMWII lasso Regression!

7(11/11/11/2)+(M3/+-1/M4) - here It there some Ed H become zero. here may be all columns are not important

elasticher Regnersion use when are coun't predict which is are use losso or Ridge.

here lass function for ElasticNet is:

L= = (q; - ý;)2 + a ||w||2+ b ||w|| in scikilcan 12 atb

11. ratio = 9 11 = 9

Refault value A = 1 and b = 0.5hence a = 0.5 and b = 0.5

It-ration = 0,9 means 90%. Ridge and 10%, lass of in input column multi-collinearity, there were elasticited