Linera regression:

Mininsue error/ cost functions:

Miniizae sum of square of residuals

Chart, scatter chart

Description automatically generated

Evaludagtions methods:

R squared –

Mean Squared Error:

Cross validatons: Split the group into x groups. Hold out 1 as testsets and run regression on others as training sets

Regulized regression:

When you have lots of predictors, we will have highl

Ridge regression:

Loss funcgtion : OLS function + Ridge parametners of parametners

Hyper pramaters tuninning:

Alpha = 0 (Over feeting)

Lasso :

Standar OLS + abs( of each coeffiecnent) \* constant almoraph

Lasso – Select most predictiors

Spam

Confusion matrix –

Table

Description automatically generated