

question 1: read 'Advertising.csv'; drop column 'Unnamed: 0'

question 2: analyze whether there are missing values

question 3: make scatter plot between target sales and three predictors

question 4: plot heatmap between the predictors

question 5: split to train and test data set (80%:20%)

question 6: build ridge/lasso model

use gridsearch find best alpha (range:20,10,5,1,1e-2,1e-3,1e-4,1e-8,1e-10,1e-15)

print coefficient, r2, rss

for accuracy: which model will you choose