

Final Machine learning

Q1 True False 10 questions

Q2 Fill blanks

Confusion matrix: 1- predicted. 2- actual.

Regularization: 1- L1 2- L2

Active learning definition

Transfer learning definition

Gradient descent definition

CNN definition

PCA definition

Normlization definition

To asses regression models: 1- MSE. 2- MAE. 3- R2.

Give one example of frameworks that used in neural network

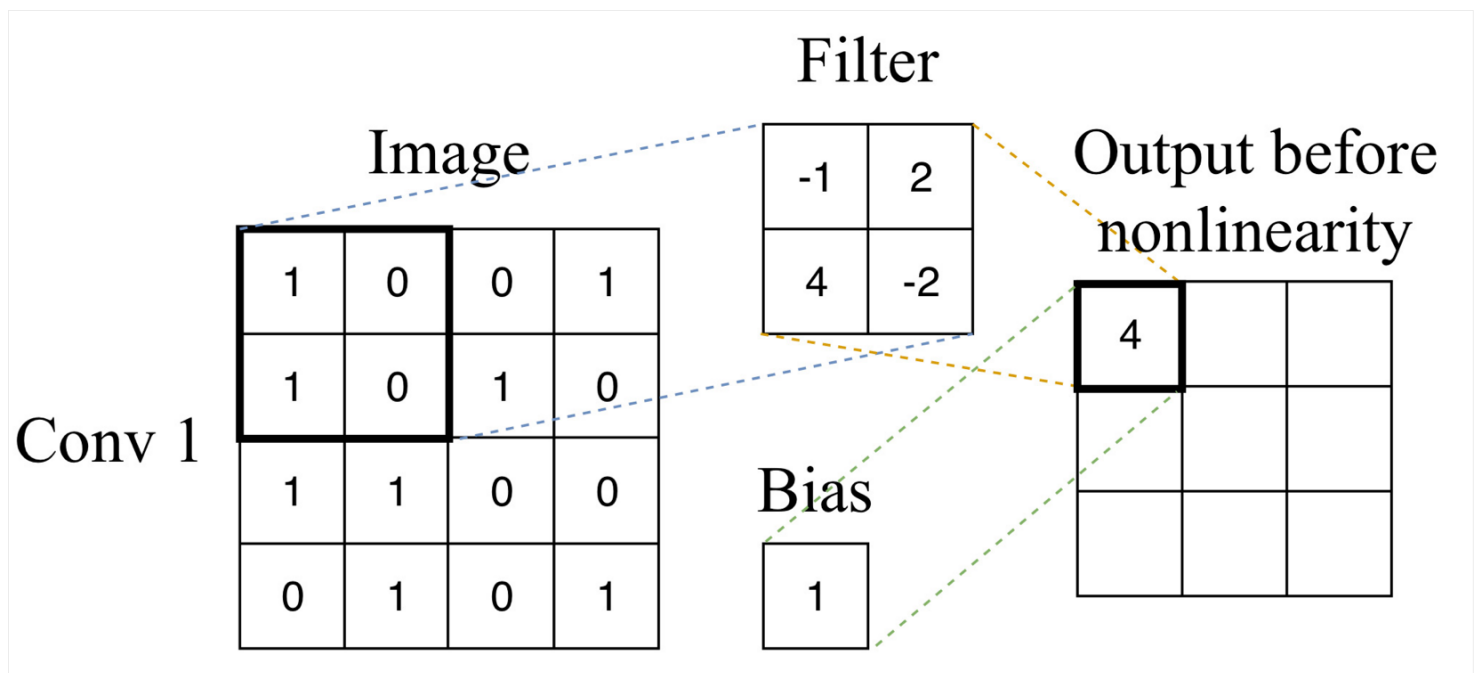
Q3

Give 2 differences between K means and DBSCAN

Compare between Random Forest and Gradient Boosting

Q4

Calculate the output before nonlinearity. Like:



The importance of activation function in neural network