Cross Validation (K-fold):-

In cross validation, we divide the dataset into k equal parts; and each fine we train and feet the model to calculate the accuracy. This step is repeated k times such that each time, a new fold is soluted for the training to evaluation. When all the performances are done, we calculate the mean accuracy of all the k-felds to get the final mean accuracy.

With the help of cross ratidation, we can evaluate our modil properly and check if it is overfitting or not. We can use cross_val_score for the cross validation.

