loss functions used by different algorithms for training a model.

KNN :-

↳ It don't use any loss function. It just predict the result of given query point based on it's neighborhood points. KNN training is just all about loading given training dataset into memory.

Logistic Regression :-

↳ It uses Logistic loss or logloss as it's loss function to reduce the error on training data while training and to prevent from overfitting it also uses regularization.

Decision Trees :-

↳ It does checking for entropy loss and information gain or gini Impurity to breaking up the features for creating child nodes and to prevent it from overfitting we need to control on its depth.

Naive Byes :-

↳ It also don't use any loss function. It predict the result based on the probability values found during the training

Linear Regression :-

↳ It uses squared loss as it's loss function to reduce error on training data while training and uses regularization to prevent itself from overfitting.

SVM :-

↳ It uses hinge loss for reducing error and regularization to prevent itself from overfitting.