**Mathplotlib**

🡪boxplot

🡪%matplotlib inline

🡪map function (or) replace function

**distplot**

# It will take only one column

**Seaborn**

🡪jointplot()

🡪Pairplot()

**Logistic regression**

# logistic regression is a statistical method used to model the relaionship between a binary dependent variable and one or more independent variables

# In logistical regrssion the dependent variable is binary , meaning it can only take on two values labelled as 0 or 1

# The independent variables can be either contenious or categorical

**Accuracy**

# Accuracy measures the percentage of correctly classifoied instances out of all instances

**Recall**

# recall measures the percentage of correctly classifoied instances out of all instances

#Syntax= recall=true positive/actual positive

**F1 score**

# It is the mean of precission and recall

**Confusion**

# It is a table that gives the performance of a classification model.

# It shows true positive,true negative,false positive,false negative.

**Logistic regression**

🡪separate dependent variable and independent variable