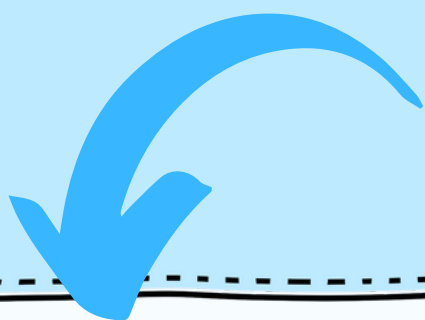


# MACHINE LEARNING ALGORITHMS BASED ON THEIR TYPES: REGRESSION AND CLASSIFICATION.

## Regression Algorithms:



1. LINEAR REGRESSION

2. RIDGE REGRESSION

3. LASSO REGRESSION

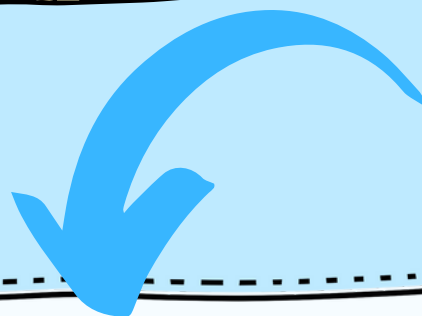
4. DECISION TREES FOR  
REGRESSION

5. RANDOM FOREST FOR  
REGRESSION

6. SUPPORT VECTOR MACHINES  
(SVM) FOR REGRESSION

7. K-NEAREST NEIGHBORS  
(KNN) FOR REGRESSION

## Classification Algorithms:



1. LOGISTIC REGRESSION

2. DECISION TREES FOR CLASSIFICATION

3. RANDOM FOREST FOR CLASSIFICATION

4. SUPPORT VECTOR MACHINES (SVM)  
FOR CLASSIFICATION

5. K-NEAREST NEIGHBORS (KNN) FOR  
CLASSIFICATION

6. NAIVE BAYES

7. NEURAL NETWORKS FOR CLASSIFICATION

8. GRADIENT BOOSTING ALGORITHMS (E.G.,  
XGBOOST, LIGHTGBM) FOR CLASSIFICATION