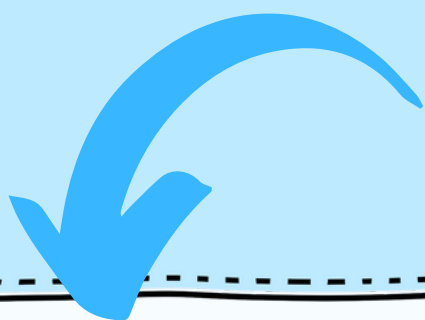


MACHINE LEARNING ALGORITHMS BASED ON THEIR TYPES: REGRESSION AND CLASSIFICATION.

Regression Algorithms:



1. LINEAR REGRESSION

2. DECISION TREES FOR REGRESSION

3. RANDOM FOREST FOR REGRESSION

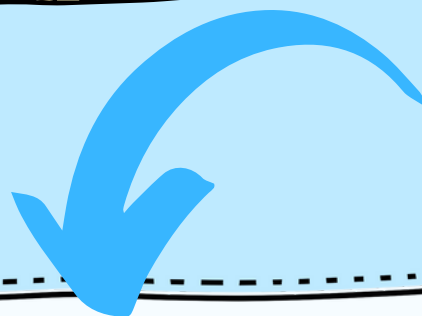
4. SUPPORT VECTOR MACHINES (SVM) FOR REGRESSION

5. K-NEAREST NEIGHBORS (KNN) FOR REGRESSION

6. RIDGE REGRESSION

7. LASSO 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