Machine Learning Algorithms:

1. Linear Regression: Predicts a continuous target variable based on input features.

2. Logistic Regression: Used for binary classification tasks.

3. Decision Trees: Tree-based model for classification and regression.

4. Random Forest: Ensemble of decision trees for better accuracy.

5. Support Vector Machine (SVM): Classifies data by finding the optimal hyperplane.

6. K-Nearest Neighbors (KNN): Classifies based on the majority label of nearest neighbors.

7. Naive Bayes: Probabilistic classifier based on Bayes theorem.

8. K-Means: Clustering algorithm for unsupervised learning.

9. Principal Component Analysis (PCA): Dimensionality reduction technique.

10. Neural Networks: Models inspired by human brain structure for complex tasks.