

- 1)Implementation of operations on matrices-addition, subtraction, multiplication, transpose,inverse, determinant
- 2)Implementation of operations on vectors- addition, subtraction, dot product, various norms
- 3)Perceptron implementation using python.
- 4)Implementing classification using perceptron using python, Scikit-Learn
- 5)implementation of gradient descent using python
- 6)Implementing multi layer perceptron using scikit learn.
- 7)Implementation of Back Propagation using Python
- 8)Implementation of linear and logistic regression using scikit-learn
- 9)Implementation of classification using ANN with scikit-learn on IRIS dataset.