MACHINE LEARNING LAB

1. Implement a classifier for the sales data.

2. Develop a predictive model for predicting house prices.

3. Implement the FIND-S algorithm. Verify that it successfully produces the result for the enjoy sport example. (Tom Mitchell Reference).

4. Implement a decision tree algorithm for sales prediction/classification in retail sector.

5. Implement K-nearest neighbor algorithm to classify iris dataset.

6. Implement backpropagation algorithm for stock prices prediction.

7. Implement clustering algorithm for Insurance fraud detection.

8. Implement clustering algorithm for identifying cancerous data.

9. Apply reinforcement learning and develop a game of your own.

10. Develop a traffic signal control system using reinforcement learning technique.