

## **PROGRESS REPORT 6**

**Name:** Kartikeya Tiwari

**Subsystem:** Coding

**Date of Submission:** 09/05/2021

**Reporting Progress from:** 02/05/2021 To 09/05/2021

### **Progress:**

#### **Machine Learning**

1. Completed Week 4 of "Machine Learning" course by Andrew Ng on Courser.
2. Executed code for the data downloaded from the Boston DataSets.

#### **Python**

1. Implemented the following features in my Python Code:
  - a. Data to be picked from CSV files using pandas.
  - b. Feature Normalization.
  - c. Normal Equation Method.
2. All the above-mentioned work on Python was completed on Jupyter Notebook and code has been pushed to GitHub.

#### **Modern Robotics**

1. Downloaded and Installed CoppeliaSim on my machine.
2. Completed week 1-2 of "Modern Robotics" course from Coursera and simultaneously did the necessary read from the "Modern Robotics" book along with the exercises.

#### **Goals for Next Week**

1. Work on more Boston DataSets to implement Linear and Logistic Regression.
2. Complete Week 5 of "Machine Learning" Course by Andrew Ng.
3. Complete "Modern Robotics" Week 3-4 by Northwestern University.
4. Implement Linear and Logistic Regression from Boston Datasets.

#### **Issues faced**

1. None.

