# **Weekly Progress Report**

Name: Shashwat Srivastava Domain: Data Science and Machine Learning

Date of submission: 24-02-24

## Week Ending: 01

#### I. Overview:

This week, the primary focus was on understanding USC\_TIA and contributing to Python projects. Additionally, efforts were made to leverage learning resources for skill enhancement.

#### II. Achievements:

## 1. USC\_TIA Familiarization:

- Explored USC TIA documentation to grasp core functionalities.
- Successfully executed basic tasks, showcasing initial proficiency.

#### 2. Python Project Contributions:

Name of the project:- Currency Converter

- Contributed code to Currency converter with a focus on Intermediate python and .

## 3.Learning Python:

- Acquired proficiency in essential Python libraries, such as [pandas, numpy, matplotlib].
- Applied Python skills to real-world problems within USC\_TIA context.

#### III. Challenges:

## 1. USC\_TIA Integration:

- Encountered challenges during USC TIA integration with Machine Learning.
- Ongoing efforts to troubleshoot and ensure successful integration.

## 2. Python Project Complexity:

- Faced complexity in understanding voice recognition and response of the Python project.
- Seeking guidance to overcome challenges and enhance understanding.

#### IV. Learning Resources:

## 1. USC\_TIA Documentation:

- Utilized USC TIA official documentation for reference and troubleshooting.
- Attended relevant webinars and online tutorials to deepen understanding.

#### 2. Python Learning Resources:

- Engaged with "machine learning with python" to strengthen Python skills.
- Participated in leet code challenges for practical application.

#### V. Next Week's Goals:

## 1. USC\_TIA Enhancement:

- Address integration challenges and explore advanced USC TIA features.
- Collaborate with peers to contribute to USC\_TIA improvement discussions.

## 2. Python Project Development:

- Tackle more complex tasks within the Python project to increase contribution.
- Seek feedback from mentors and peers for continuous improvement.

#### **VI. Additional Comments:**

I would like to use your instructions so kindly help me with the basics and advance problems.