Assignment 1: Computer Vision

Deadline: Week 7, June 13, 23:59

Instructions:

For this assignment, you will be working on a series of Jupyter Notebooks to implement and understand various machine learning models for computer vision. The assignment is divided into four main parts, each focusing on a different model. Please follow the steps below in the given order to complete the assignment:

1. **Complete knn.ipynb**:
2. **Complete svm.ipynb**:
3. **Complete softmax.ipynb**:
4. **Complete two_layer_net.ipynb**:

Submission Guidelines:

- Ensure that each notebook (and python script) is fully completed and all cells are executed without errors.
- Save each completed notebook with all outputs visible.
- Push the completed notebooks to the GitHub repo.
- Your GitHub repo should be **private**.

Important Notes:

- Start working on the assignment early to ensure you have ample time to understand each concept and debug your code.
- If you encounter any issues or have questions, do not hesitate to ask for assistance.

Good luck, and happy coding!