Week 1 Tasks

Week 1: Introduction to Deep Learning

- Setup: Install and configure Python, Jupyter Notebook, TensorFlow, and Keras.

- Basics: Write a simple neural network from scratch using NumPy to understand basic concepts.

- Data Handling: Load and preprocess a dataset (e.g., MNIST) using TensorFlow/Keras.

- Model Building: Build a basic feedforward neural network (FNN) for classification using Keras.

- Training and Evaluation: Train the FNN, evaluate its performance, and visualize the results using Matplotlib.