

### **3. Create a Mini Deep Learning Project:**

**o Description:** Implement a basic deep learning model using TensorFlow or PyTorch.

**o Why:** Deep learning is crucial for more complex machine learning tasks.

**o Tasks:**

- Choose a simple dataset (e.g., MNIST for image classification or IMDB for sentiment analysis).
- Build a feedforward neural network using TensorFlow or PyTorch.
- Train and test the model, and visualize the learning process (e.g., loss curves, accuracy).
- Submit the model code, training logs, and evaluation report.
- Post the project on GitHub and share the link.