1. Read the Articles

Read the following two articles, which contain Python code for machine learning tasks:

1. **Article 1:**

    https://medium.com/@myringoleMLGOD/simple-convolutional-neural-network-cnn-for-dummies-in-pytorch-a-step-by-step-guide-6f4109f6df80

2. **Article 2:**

    https://pytorch.org/tutorials/beginner/blitz/cifar10_tutorial.html

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2. Run the Code

1. Open Google Colab or Kaggle.
2. Copy the code from the articles.
3. Run the code to ensure it works correctly without errors.

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3. Study the Code

1. **Examine each line of the code carefully.** Use ChatGPT or official documentation for clarification.
2. Break the code into logical sections:
    - Library imports
    - Data loading and preprocessing
    - Model training
    - Model evaluation

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4. Code Defense

- **Defense Format:** You will be asked about a random line of code. Your task is to explain:
    - **What does the line do?**
    - **Why is it necessary?**