Day 9: Final Project
Summer STEM: Machine Learning

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NYU Tandon School of Engineering
Brooklyn, New York

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Final Project

- Task: CIFAR10 or Car classification.
- Simplification: No validation. You can directly tune your network based on the test set accuracy.
- Friday: Present your model performance.
- Each team should present for 12-15 minutes.

Presentation Template

- Slide 1: Title and introduction
- Slide 2: Introduce your project: dataset, labels, etc...
- Slide 3: Your network architecture
- Slide 4: Other hyper-parameters, e.g.
    - optimizer, learning-rate
    - batch size, epochs
    - data augmentation, transformation
- Slide 5: Model performance on training set (loss) and test set
    - Training loss
    - Test accuracy total
    - Test accuracy for each class
- Slide 6: Challenges and how you resolve them.
- Slide 7: Conclusion

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On Friday

- Project presentation
- CNN applications
- Social impact of ML

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