5/20/2021

MET CS 767 Assignment 3T: CNN’s

*replace this with your name*

Copy the implementation [here](https://colab.research.google.com/drive/1Yg-NXKlYzfvv9jI2MCxWZErovpR57_YC?usp=sharing) to your Google drive. Systematically modify this code in four ways, attempting to improve the output, and report the results, using this Word file as a template. Since the accuracy of the given implementation is already high, consider reducing the size of the CIFAR training set—or substituting it so that the baseline implementation leaves more percentage room for improvement. You are free to combine changes but each of the sections below should contain at least one new change. If necessary, show changes that make the result worse, with your explanation.

Please leave the gray text and the headings unchanged.

# The first way I modified the code to attempt improvement

## 1.1 Description of what I did and reason this could be an improvement (one paragraph)

your response replaces this

## 1.2 Comparison of the result with the original output, with explanation

## 1.3 URL of the Colab code

your response replaces this

# The second way I modified the code to attempt improvement

## 2.1 Description of what I did and reason this could be an improvement (one paragraph)

your response replaces this

## 2.2 Comparison of the result with the original output, with explanation

## 2.3 URL of the Colab code

your response replaces this

# The third way I modified the code to attempt improvement

## 3.1 Description of what I did and reason this could be an improvement (one paragraph)

your response replaces this

## 3.2 Comparison of the result with the original output, with explanation

## 3.3 URL of the Colab code

your response replaces this

# The fourth way I modified the code to attempt improvement

## 4.1 Description of what I did and reason this could be an improvement (one paragraph)

your response replaces this

## 4.2 Comparison of the result with the original output, with explanation

## 4.3 URL of the Colab code

your response replaces this

Add more modifications if you like.

# References

Show that you used a wide variety of resources by listing them below and clearly indicating in the body above where you used. Make sure to use proper referencing in your paper. We suggest using APA format, but other formats are fine as long as they clearly distinguish your work from work of others in your response. In general, observe the stated plagiarism rules.

[1] your first reference replaces this

[2] …

# Evaluation

