Assignment Information

ICON_Assessment.png Assignment

This assignment evaluates students' ability to design and train convolutional neural networks for multi-class classification problem. Since the dataset is not very large, overfitting is likely to be encountered. The student must demonstrate the skills and methods they have learned to deal with this overfitting problem.

This is an individual assignment.

Title: Multi-class classification

Details: You can find the task details and submission requirements **here (https://swinburnesarawak.instructure.com/courses/1900/files/1206717?wrap=1)** ↓ **(https://swinburnesarawak.instructure.com/courses/1900/files/1206717/download?download_frd=1)** .

Datasets: **Train.zip (https://swinburnesarawak.instructure.com/courses/1900/files/1206673?wrap=1)** ↓ **(https://swinburnesarawak.instructure.com/courses/1900/files/1206673/download?download_frd=1)** , **Test.zip (https://swinburnesarawak.instructure.com/courses/1900/files/1206672?wrap=1)** ↓ **(https://swinburnesarawak.instructure.com/courses/1900/files/1206672/download?download_frd=1)** . **train.txt (https://swinburnesarawak.instructure.com/courses/1900/files/1206696?wrap=1)** ↓ **(https://swinburnesarawak.instructure.com/courses/1900/files/1206696/download?download_frd=1)** , **test.txt (https://swinburnesarawak.instructure.com/courses/1900/files/1206687?wrap=1)** ↓ **(https://swinburnesarawak.instructure.com/courses/1900/files/1206687/download?download_frd=1)**

Due Date: Week 7 Friday

Weighting: 20%

Rubric and Submission link: here (https://swinburnesarawak.instructure.com/courses/1900/assignments/27430)