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Date: August 8, 2021

Class: DSC680-T301-2217

Assignment: 10 Questions, Project 3

These 10 questions are answered on individual slides within the PowerPoint Presentation of this project.

Can I create an image recognition model that performs better than any of the Kaggle competition entries (that received at least one upvote)?

Does the widespread wearing of face masks cause known, established image detection programs, such as the Viola Jones Algorithm, to fail?

What level of accuracy can I achieve?

Is there any literature on human visual accuracy (such as at screening checkpoints) for comparison?

Once I unzip the contents of the downloaded folder, can I save them and delete the original zipped folder?

Will a ‘run-of-the-mill’ personal laptop be sufficient for processing a convolutional neural net problem?

Can interesting graphics be generated from a simple unbalanced binary classification problem?

When lifting bits and pieces of code from multiple sources, is there any guidance on how many characters/lines need to be the same in order to necessitate reference citation?

If the Delta variant of COVID-19 can be spread among *fully vaccinated* individuals, AND masks are proven to prevent transmission, why weren’t President Obama and the guests to his 60th birthday party extravaganza wearing masks?

Is there a correlation between education level and individual compliance with CDC recommendations?