**Fundamentals of Deep Learning for Computer Vision- Course Report**

1. Training Deep Neural Networks
   1. Deep Neural Networks: GPU Task 1

Deep Neural Networks are flexible algorithms inspired by the human brain that allow practitioners to use training strategies inspired by human learning. The input of an image generated an output of the network's confidence that the image belonged to one of two classes. Something clearly changed between the first epoch and the 100th. It indicates algorithms would learn the experience from the huge dataset. A neural network changes when exposed to data to create an accurate map between inputs and outputs.

* 1. Deep Neural Networks: GPU Task 2

We could use training accuracy, validation loss, training loss to measures the performance of model.

1. Deploying Trained Neural Networks
2. Measuring and Improving Performance
   1. Performance
   2. End of Course
3. Assessment
   1. Train and deploy a deep neural network