

## Topics Covered this week:

- Introduction to Machine Learning (data representation, supervised /unsupervised learning, overfitting)
- Maths Primer for Machine Learning
- Linear Regression
- Probability Theory
- Gaussian Distribution/Gaussian Mixture Models
- Maximum Likelihood Estimation
- Logistic Regression Classifier
- Deep Learning
- Softmax Logistic Regression
- Multilayer Perceptron
- Autoencoder
- Dropout
- Stochastic Gradient Descent
- Convolutional Neural Networks
- Recurrent Neural Network

**Which topic(s) did you find the most difficult this week?**

**Which topic are you still unsure on?**

**Any specific questions?**

**How confident do you feel in what you have learnt this week?**

*Please circle a number*

1	2	3	4	5	6	7	8	9	10
Not confident								Very confident	