CS3264 Machine Learning github.com/securespider

- 01. IntroWhat is1. Supervised Learning Classification/Regression
- 2. Unsupervised Kmeans, PCA
- 3. Reinforcement Giving rewards and punishment

Linear regression

- ullet Data tuples of points $\{(x_n,t_n)\}_{0 o N}$
- $\bullet \ \mathsf{Model} \ \hbox{-} \ y = w_0 + xw_1$
- ullet Loss Mean square error $\dfrac{1}{2}\sum_{n=1}^{N}(y_n-t_n)^2$