

large NN - high potom but also weeds huge amount of data Why is DL taking off? medium NN some of most reliable potomine swall NN ways is to traina larger NN or throw a Traclitional · Learning algorithms (SVM, loging ression) larger # of dala atit! (still converges) Amount of olata (labeled data, training examples (x,y) Scale drives (we have more and more un) DL progress Gaetivities on R 6# m in NN was activation LoData (GPw...) functions switching from to ReLU made GD signicial much faster! faito gradient J=to1 1. Idea gradients here for positive values of imput Vare 20 so learning beomes very stor 3. Experiment -> the longer a NN needs to be precised the longer the circle takes (time)