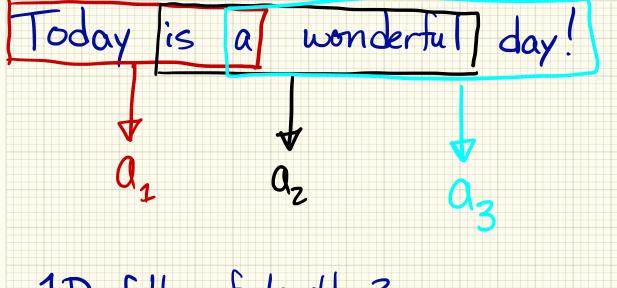
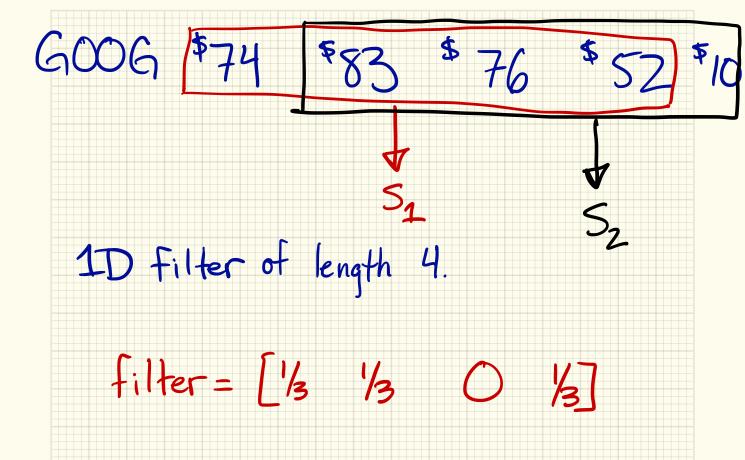


Convolutional Neural Networks (CNNs) - commonly used with image data Limage classification 4 object detection 4 neural style transfer pass filter over pixels -> 2D Convolution - Can be used with any data that has "structure"



1D filter of length 3.



W, W, Wz CNN Structure W4 W5 WG reduce the number of Loas # of filters 1, # params 1, detail 1 - size of filter parameters that we Ly as the size 1, # parameters 1, details need to, - padding

3) Fully Connected / Densely Connected