What is vectorization?

Tuesday, August 22, 2017 2:49 PM

$$Z = W^{T}X + b$$

$$\begin{array}{cccc}
\times & = \begin{bmatrix} x_1 \\ x_2 \\ \vdots \\ x \end{bmatrix} & & & & & & \\
\times & \in \mathbb{R}^n
\end{array}$$

$$\frac{1}{z=0}$$

$$for i in range (nx):$$

$$z = np. dot (w, x) + b$$

$$z = w = x + b$$

$$w = x + b$$