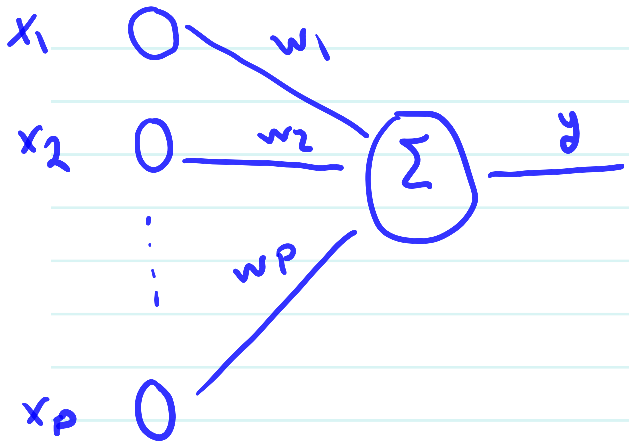


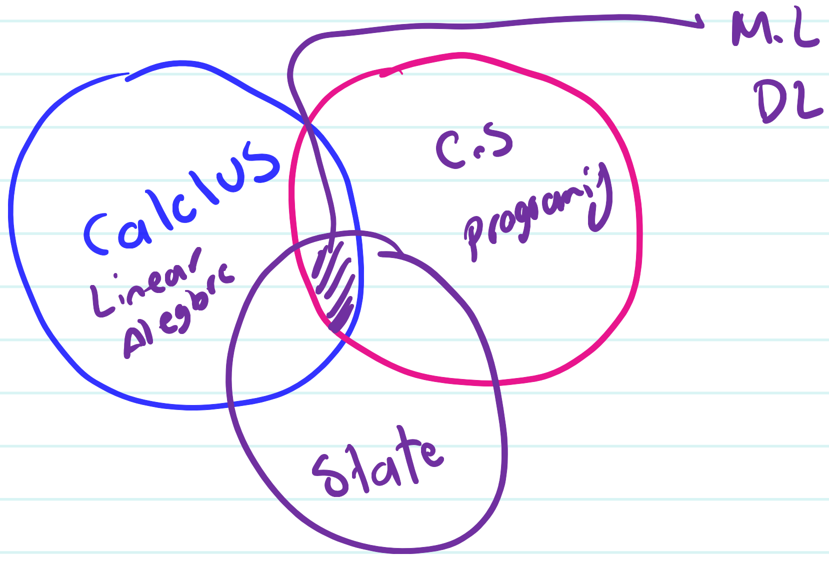
$$y = w_1 x_1 + w_2 x_2 + \dots + w_p x_p$$

$$= \begin{bmatrix} w_1 & w_2 & \dots & w_p \end{bmatrix} \begin{bmatrix} x_1 \\ x_2 \\ \vdots \\ x_p \end{bmatrix}$$

$$= w^T . x$$

$x_1 \quad x_2 \quad x_3$

	x_1	x_2	x_3
x_1	Variance	covariance 1×2	1×3
x_2	2×1		
x_3	3×1		


M.L
DL
Calclus
Linear
Alegbra
C.S
programing
State