2	Y(NXP)
	X(NXd)
	A A A A A A A A A A A A A A A A A A A
	UX (dxp)
	$= \sum E_{XX} = \sum (NXP) - \sum (NXP) (NXP) (DXP)$
	=> loss =
	J(w) = I(Exx)(Exx)
	N
	$= \frac{1}{N} \left(Y^{T}Y + \omega^{T}X^{T}X \omega \right)$ $= \frac{1}{N} \left(Y^{T}Y + \omega^{T}X^{T}X \omega \right)$
	to minimize loss w. r.t. w,
	$\frac{\partial (J\omega)}{\partial \omega} = 0$
	Town
	$\Rightarrow \int \left(2X^{T}X\omega - 2(X^{T}Y)\right) = 0$

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