







JF













Day 32 - Discrtizati...

Day 33 - Working-...

Day 34 - Working...

Day 35 - Complete...

Day 36 - Handling...

Day 37 - Handling...

Day38-Missing Indi...

Day39 - KNN Impu...

Day40 - Iterative I...

Day 41 - Outliers in...

Day 42 - Outlier De...

Day 43 - Outlier de...

Day44 - Outlier De...

Multiple Linear Regression

Code Example

Mathematical Formulation

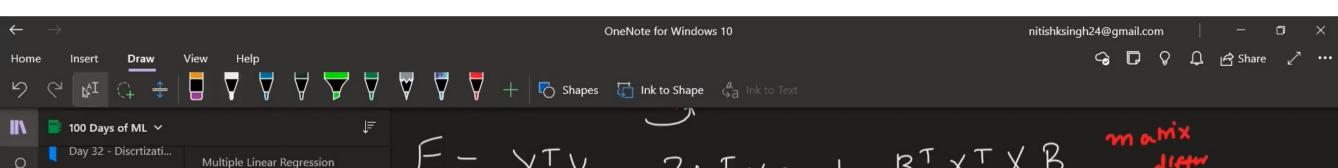
Detour

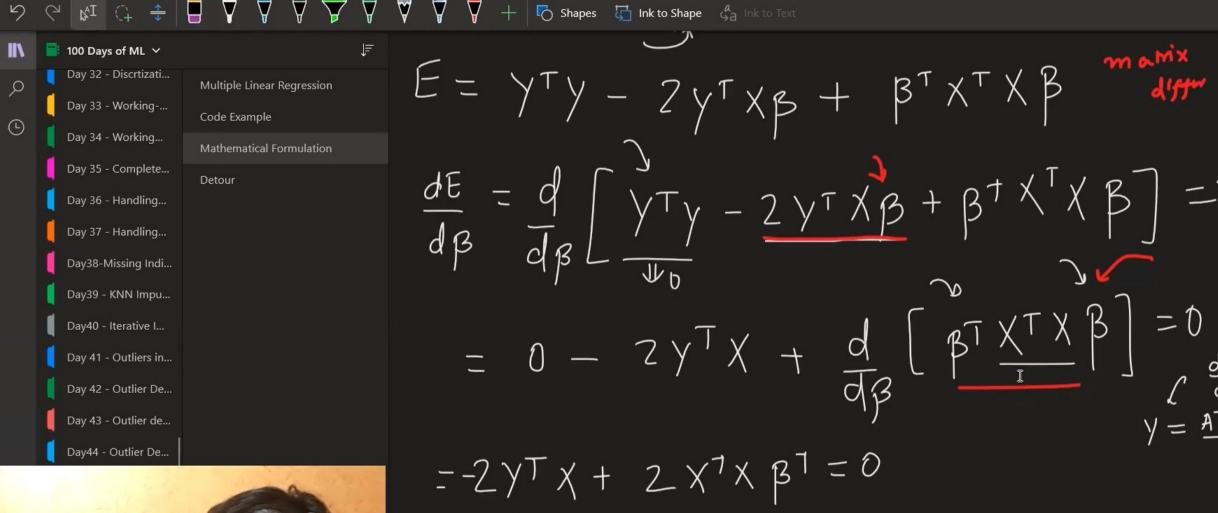
$$= \left[\begin{array}{c} \mathbf{y}^{\mathsf{T}} - (\mathbf{x}^{\mathsf{B}})^{\mathsf{T}} \right] \left(\mathbf{y} - \mathbf{x}^{\mathsf{B}}\right) \right]$$



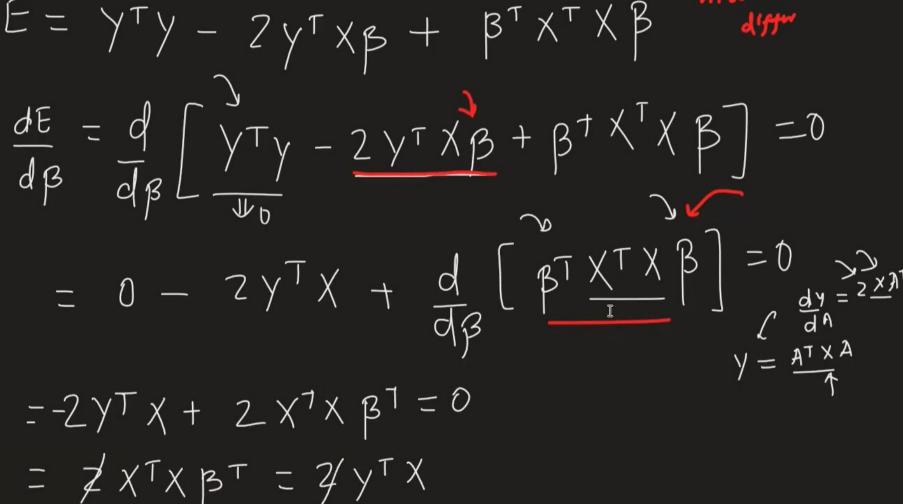




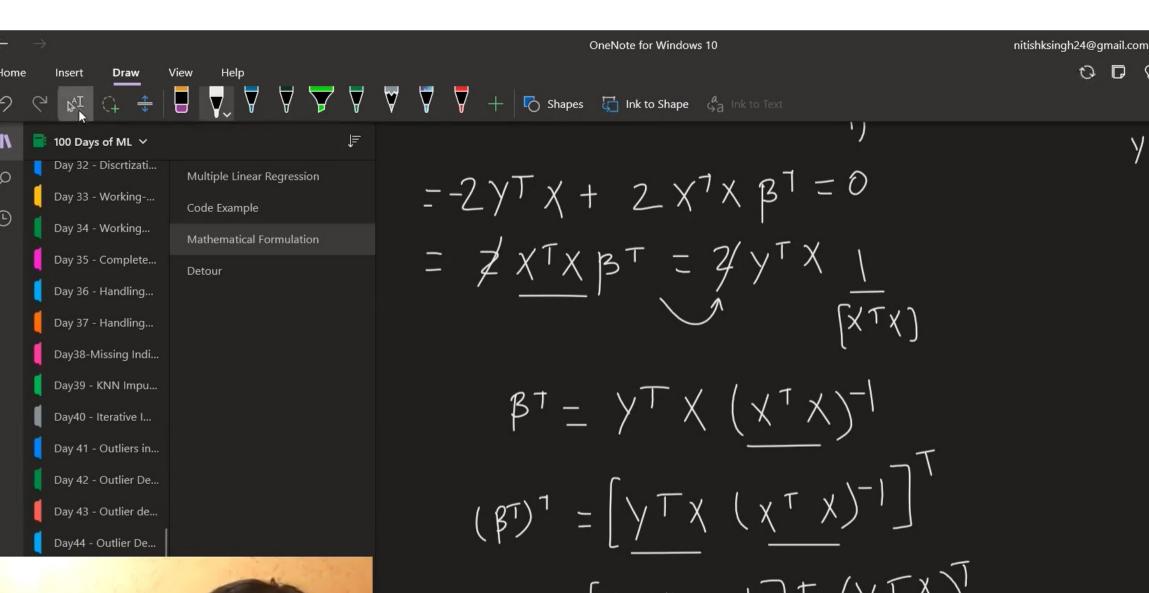














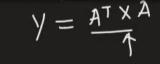
$$-2y^{T}X + 2x^{7}X\beta^{7} = 0$$

$$\neq x^{T}X\beta^{T} = \neq y^{T}X \frac{1}{[x^{T}X]}$$

$$\beta^{T} = y^{T}X(x^{T}X)^{-1}$$

$$(\beta^{T})^{1} = [y^{T}X(x^{T}X)^{-1}]^{T}$$

$$\beta = [(x^{T}X)^{-1}]^{T}(y^{T}X)^{T}$$



Q



