$$\begin{array}{l}
-J_{mer} \quad p_{noduct} \quad sf \quad v_{eobs} \\
x \neq y = x_{1}y_{2} = x_{1}y_{1} + x_{2}y_{2} + \cdots + x_{N}y_{N} = x_{N}x_{1}y_{2} \\
x \neq x_{1}y_{2} = x_{1}y_{1} + x_{2}y_{2} + \cdots + x_{N}y_{N} = x_{N}x_{1}y_{2} \\
x \in \mathbb{R}^{N\times 1} \\
y \in \mathbb{R}^{N\times 1} \\
x \neq y \in \mathbb{R}
\end{array}$$

$$\begin{array}{l}
x \neq y = x_{1}y_{1} + x_{2}y_{2} + \cdots + x_{N}y_{N} = x_{N}x_{1}y_{1} \\
x \neq x_{1}y_{2} + \cdots + x_{N}y_{N} = x_{N}x_{1}y_{1} \\
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x \neq x_{1}y_{N} + x_{2}y_{N} + x_{2}y_{N} + x_{2}y_{N} + x_{2}y_{N} \\
x \neq x_{1}y_{N} + x_{2}y_{N} + x_{2}y_{N} + x_{2}y_{N} + x_{2}y_{N} \\
x \neq x_{1}y_{N} + x_{2}y_{N} + x_{2}y_{N} + x_{2}y_{N} + x_{2}y_{N} + x_{2}y_{N} + x_{2}y_{N} \\
x \neq x_{1}y_{N} + x_{2}y_{N} + x_{2}y_{$$

I- Weighted Sum]

Practice]

LoJn a Jupyter Notebook, I have solved it.

- Weighted Average

Math class: I credit, scored 100 English class: 3 redit, scored to

We differ Average =
$$\frac{1}{1+3} \times 60 + \frac{3}{1+3} \times 60 = \frac{20}{1+3}$$

-Smilarity]
2+ Jupyler note book.