Given matrix X, find the Euclidean Norm.

$$X = \begin{bmatrix} 54.2314 & -23.1234 & 90.8656 \end{bmatrix}$$

$$\begin{aligned}
Y &= \sqrt{\sum_{i=1}^{n} |x_i|^2} \\
Y &= \sqrt{|54.2314|^2 + |-23.1234|^2 + |90.8656|^2} \\
Y &= \sqrt{54.2314^2 + 23.1234^2 + 90.8656^2} \\
Y &= \sqrt{2941.04474596 + 534.69162756 + 8256.55726336} \\
Y &= \sqrt{11732.29363688} \\
Y &= 108.3157127884962
\end{aligned}$$