Rock of a Mostrix The rank of a matrix A is equal to the of non-zero rows in its echelon Form. $0 A = \begin{bmatrix} -3 & 5 & 6 \\ -1 & -5 & -3 \end{bmatrix} 2 \begin{bmatrix} 1 & 2 & 0 & -1 \\ 3 & 4 & 1 & 2 \\ -2 & 3 & 2 & 5 \end{bmatrix}$ $\begin{vmatrix}
1 & 3 & 2 & 2 & 3 \\
0 & -2 & 2 & 4 & 2 \\
5 & -1 & 2 & 2 & 3 \\
-2 & 3 & 1 & 4 & -2
\end{vmatrix}$

