

You can now use [Latex](#) in your posts to render fancy math.

For example

$$f(x) = \begin{cases} 1/d_{ij} & \text{when } d_{ij} \leq 160 \\ 0 & \text{otherwise} \end{cases}$$

or

$$A_{m,n} = \begin{pmatrix} a_{1,1} & a_{1,2} & \cdots & a_{1,n} \\ a_{2,1} & a_{2,2} & \cdots & a_{2,n} \\ \vdots & \vdots & \ddots & \vdots \\ a_{m,1} & a_{m,2} & \cdots & a_{m,n} \end{pmatrix}$$

You can read more about using latex in markdown [here](#).