Some online resources you may find helpful for following along the lab and the partial solutions given for lab 3.

https://jalammar.github.io/visual-numpy/

 $\underline{https://towardsdatascience.com/reshaping-numpy-arrays-in-python-a-step-by-step-pictorial-tutorial-aed5f471cf0b}$

https://necromuralist.github.io/neural networks/posts/image-to-vector/

https://www.oreilly.com/library/view/python-for-data/9781449323592/httpatomoreillycomsourceoreillyimages2172114.png