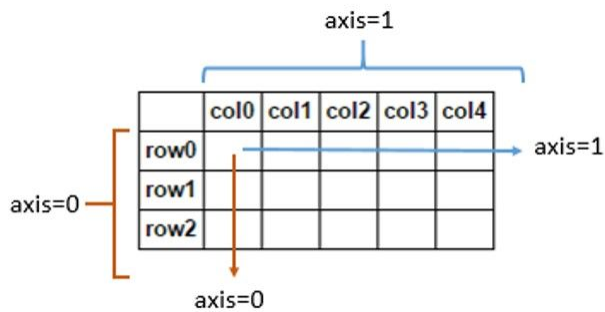


The **flatten()** function is used to get a copy of a given array collapsed into one dimension.

\*\* In Python **append()** is used to append an object to the end of the list

The **vstack()** function is used to stack arrays in sequence vertically (row wise).

How is axis indexed in numpy's array?



Paper:

<https://www.cin.ufpe.br/~rps/Artigos/Face%20Recognition%20Using%20Eigenfaces.pdf>

For quick notes:

[http://www.vision.jhu.edu/teaching/vision08/Handouts/case\\_study\\_pca1.pdf](http://www.vision.jhu.edu/teaching/vision08/Handouts/case_study_pca1.pdf)