What Are Eigenvalues and Eigenvectors?

The mathematics of PCA isn't really necessary for PCA to be useful. However, it understand the mathematics of a technique to understand how it might be ext this reason, the page has a few additional references which go more into the m

If you dive into the literature surrounding PCA, you will without a doubt run int eigenvalues and eigenvectors. These are just the math-y words for things you h encountered in this lesson.

An eigenvalue is the same as the amount of variability captured by a principal c eigenvector is a principal component itself. To see more on these ideas, take a three links below:

Eigenvalue

Eigenvalue and eigenvector

A great introduction into the mathematics of principal components analysis

An example of using PCA in python by one of my favorite data scientists.

An example of PCA from the scikit learn documentation.