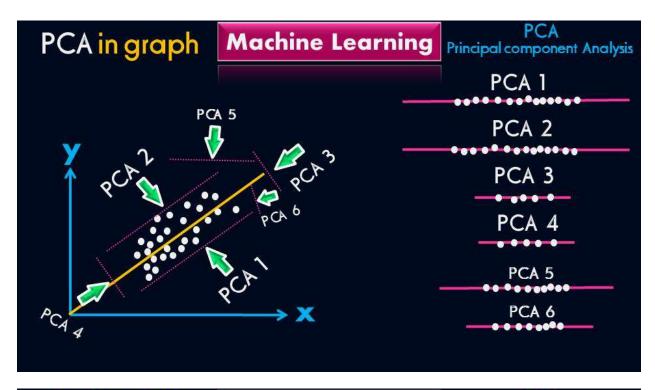
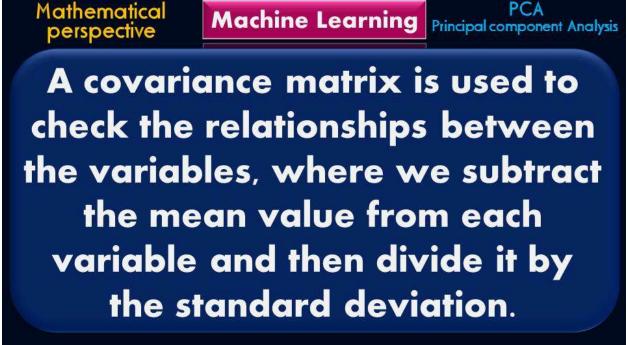
Whatis PCA?

Machine Learning

PCA
Principal Component Analysis. It is a
dimensionality reduction
method which is mostly used
for large data sets.

PCA transforms large number of variables(components) into smaller ones. Because smaller data is easier to explore and visualize.





Mathematical perspective

Machine Learning Principal component Analysis

For PCA we compute covariance matrix in order to identify the correlations. Covariance matrix is a simple table that summaries the correlations between all the pairs of the variables.

