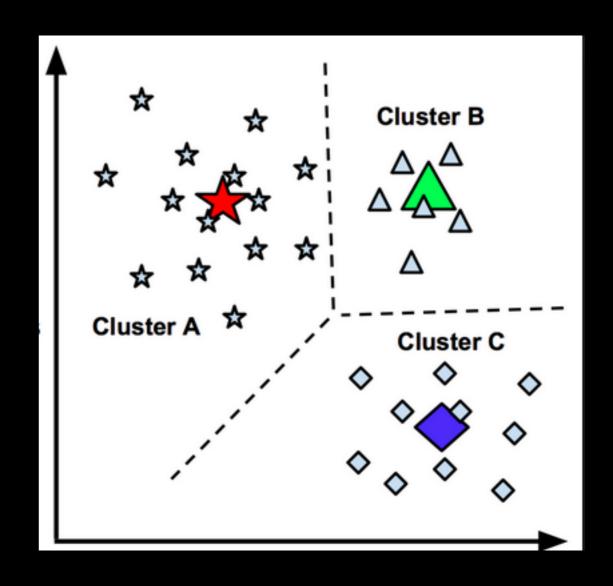


The **eigenvectors** and **eigenvalues** computed from the covariance matrix determine the **principal components** of the data.

PCA tries to put maximum possible information in the first component, then maximum remaining information in the second and so on, as shown here.

Now, let's learn about Kmeans clustering, another
popular unsupervised
machine learning technique.

Like the PCA, **K-means**clusters data together into
"centers" of groups of data,
called centroids.



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