Prototype and Clustering Methods

Breast Cancer Wisconsin Diagnostic Data Set

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March 16, 2016

Data Set

Breast Cancer Wisconsin Diagnostic

K-means

K-nearest neighbor

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Our goal is to find k circles that collectively enclose all the input points, such that the largest circle is as large as possible. Dividing the data into $2 - 6$ clusters:

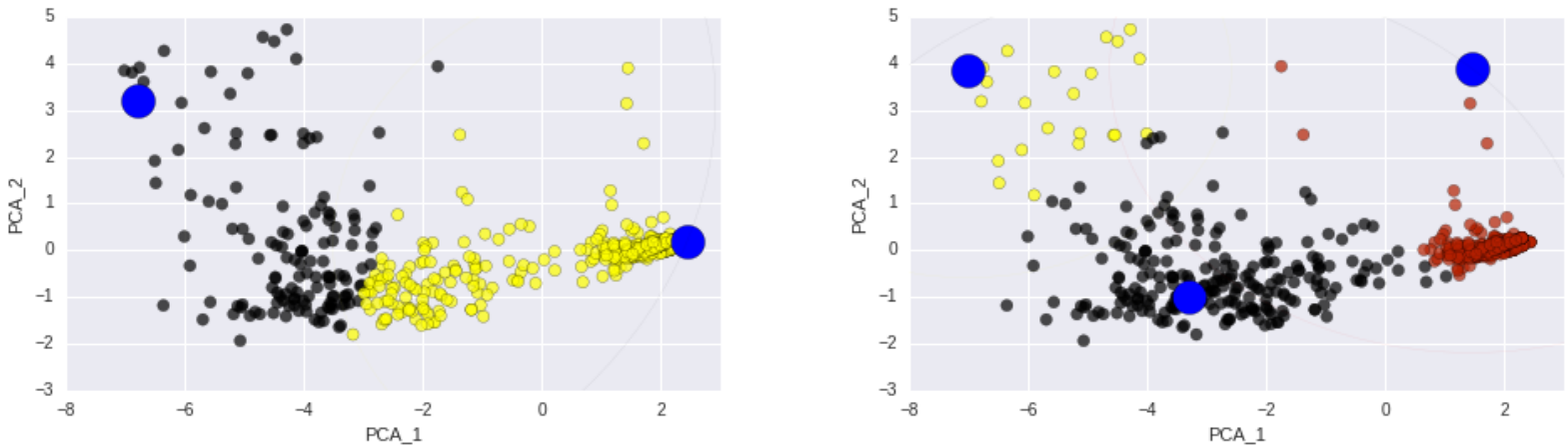
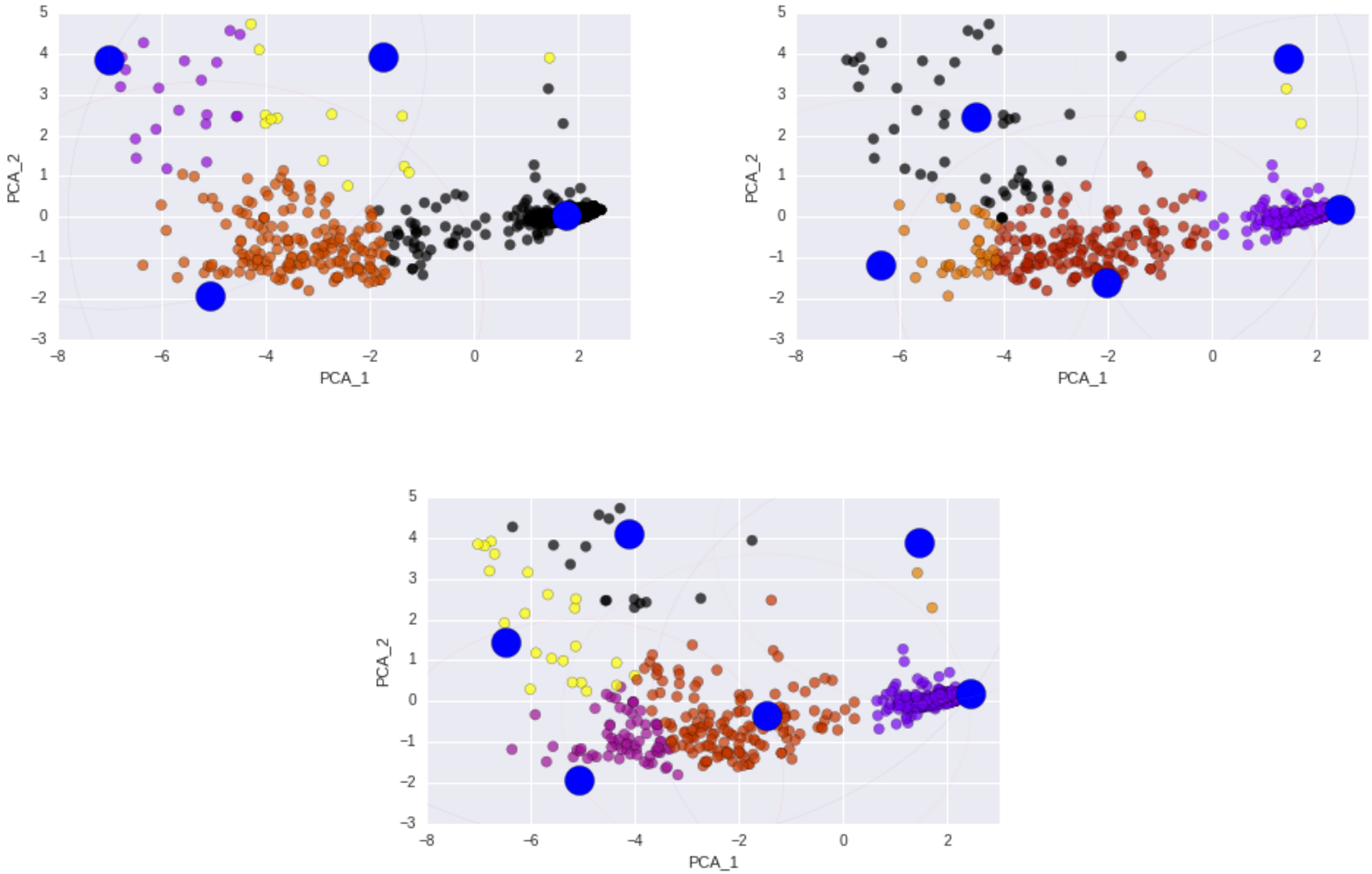


Figure : K-center unsupervised clustering results



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