#### Prototype and Clustering Methods

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# Prototype and Clustering Methods Breast Cancer Wisconsin Diagnostic Data Set

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March 16, 2016

### Data Set Breast Cancer Wisconsin Diagnostic

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> S. Yang, J. Ensley, 1. Mottahed

### K-means

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### K-means

### K-nearest neighbor

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k-nearest neighbor

## K-center Unsupervised Clustering

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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.

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