



AFFINITY Propagation

Clustering Algorithm

Machine Learning



Agenda

Introduction

Affinity Propagation

What is Affinity Propagation

Pictographical explanation

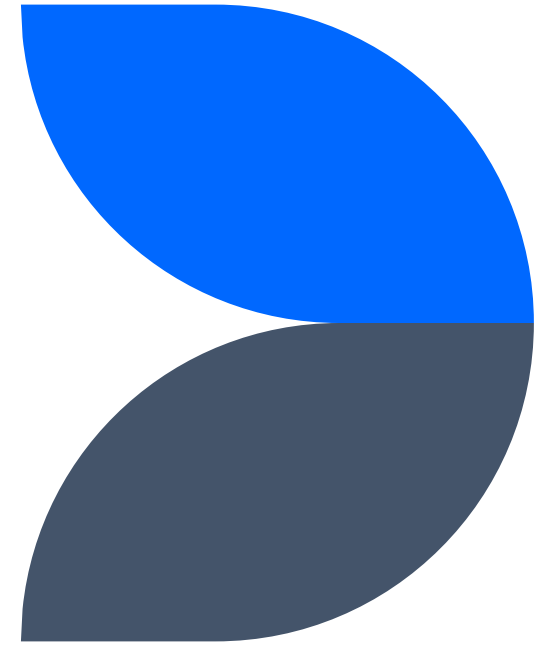
conclusion

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AFFINITY PROPAGATION



What is AFFINITY PROPAGATION

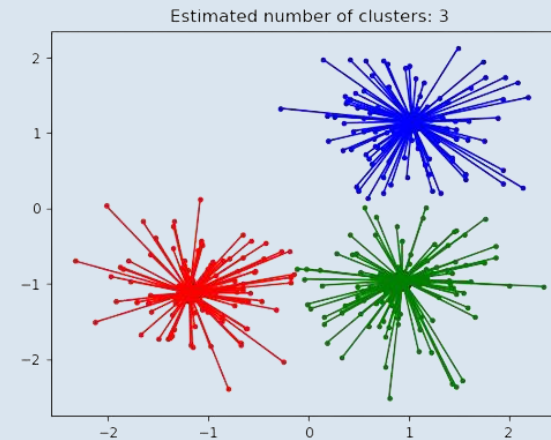
Affinity propagation works by sending messages to the exemplar (an important data point of the cluster which represents the properties of all data points in a cluster).

If the exemplar indicates that a data point belongs to its cluster, the data point assigns itself to that cluster.

Otherwise, the process is repeated for other clusters.



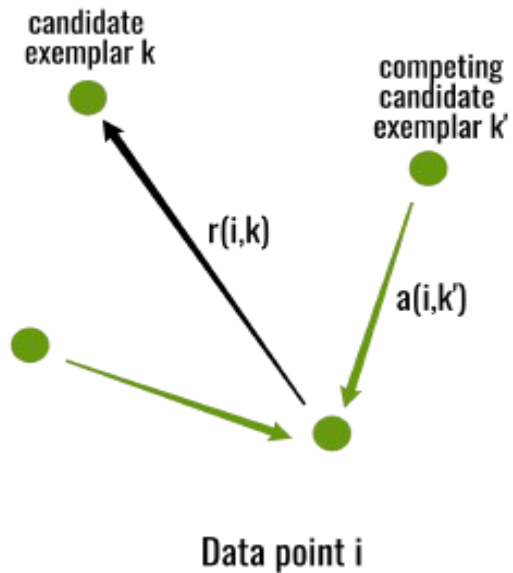
AFFINITY PROPAGATION



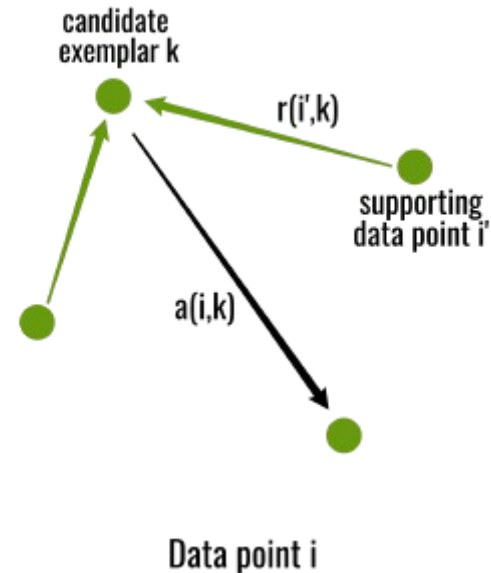
Relation

Moving from one place to another

Sending responsibilities



Sending availabilities





Thank you

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