# Graph Theory for Machine Learning

## Graph Data Types

### Transaction

### Relationship

### Sparsification

### Glossary

## PageRank

## Floyd-Marshall, Dijkstra

## Centrality and Girvan-Newman

[cluster\_edge\_betweenness()]

## Disjoint Set Forest

## Spectral Clustering

## Modularity-Based Clustering

### Clauset-Newman-Moore

[cluster\_fast\_greedy()]

### Louvain

[cluster\_louvain()]

### Leiden

[cluster\_leiden()]