Multipartite Graphs

Bipartite graphs can be easily extended to graphs that have more than two types of nodes. Here you can see a multipartite graph with four types of nodes: person, company, transaction, and address. Although these networks more closely reflect reality, they are much more complex to work with. For large-scale applications, it is recommended that you perform network sampling by splitting the network into small egonets, one for each node of interest. Multipartite graphs are often used for descriptive network analytics. The visualization of such networks might uncover new fraud patterns and give better insight into how fraud propagates between the various nodes.

Social Network Analytics

Close