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#Ex3- Construction and Visualization of Network from the data files using Igraph  
#R version 3.6.2 (2019-12-12)  
#RStudio version 1.2.1335

Data Set : csv files

1. Read the dataset
2. Examining the dataset
3. Collapsing all links of the same type between the same two nodes by summing their weights
4. Convert the dataset to igraph network object
5. Access the nodes, edges, and their attributes
6. Plot the network
7. Simplifying the network and extract edge list and matrix
8. Extract data frames describing nodes and edges

Dataset : Adjacency Matrix

9. Examining the data
10. Convert links as an adjacency matrix
11. Access nodes and edges
12. Form the network
13. Generate bipartite projection