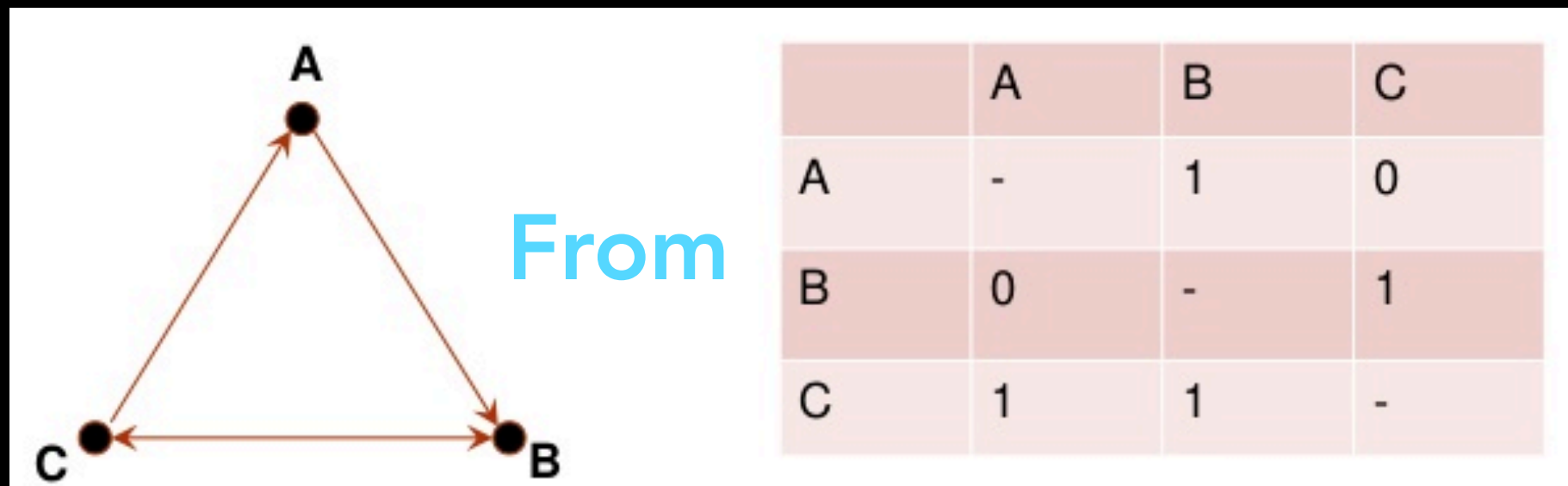


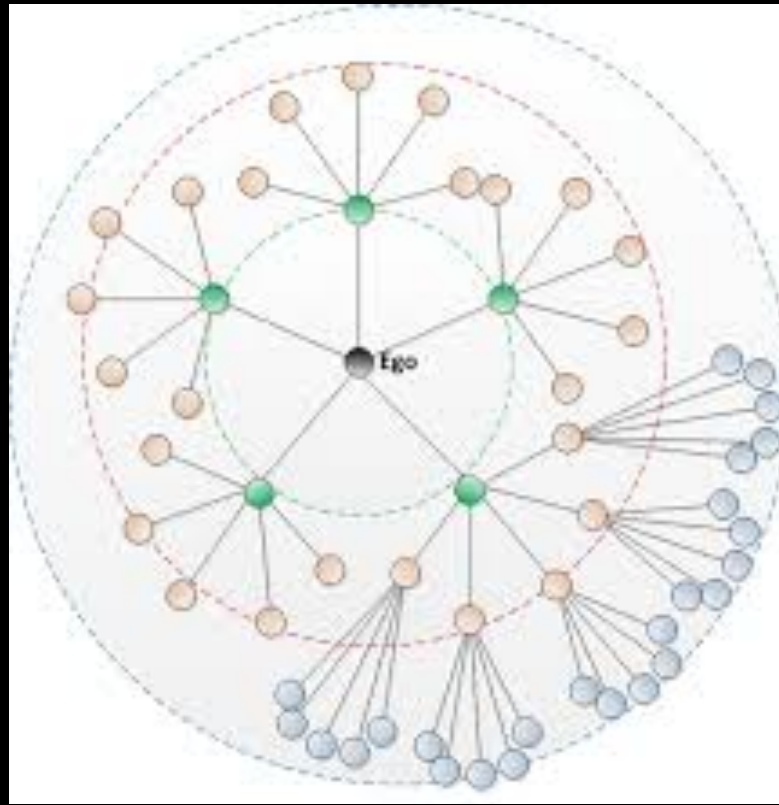
DATA IN A NETWORK OFTEN COME IN THE FORM OF AN **ADJACENCY** MATRIX.

To



Where "1" is a link from one node to another (e.g., from A to B) and "0" is the absence of an edge (e.g., no links from B to A).

NETWORKS BY THE NUMBERS



- Consider this: If each of us had 100 unique [Facebook](#) friends (i.e., friends who do not know each other), then we are only two steps removed from 10,000 people.
- Three steps removed, and it's a [million](#).
- (While most of us have hundreds of Facebook friends, it's admittedly rare to have that many who do not know each other.)

