

**Networks as a data structure.**

Networks are a way of organizing information. They do not exist, necessarily; but they can be a way of structuring facts, like maps or concordances or anything else.

**Networks terminology.**

Basic terminology:

**Nodes** and **edges**.

**Types of networks.**

The type of a network is defined by the type of its edges and nodes.

- Edge-type distinctions
  - **Weighted** and **unweighted**.
  - **Directed** and **undirected**
- Node-type distinctions
  - **Unimodal** and **Multi-modal** networks

**Reducing arbitrary data to networks.**

- Text as a network
- Society as a network
- Correspondence as a network.

**Gephi****Data formats**

You can [download a version of the Paul Revere dataset here](#).

This was released by the sociologist Kieran Healy; it differs in subtle ways from the article we read.

**Network metrics**