

[Open Peer Review on Qeios](#)

# Self-Organizing Map

National Cancer Institute

## Source

National Cancer Institute. *Self-Organizing Map*. NCI Thesaurus. Code C63920.

A data visualization technique which reduces the dimensions of data through the use of self-organizing neural networks. SOMs scale well to large data sets, can identify local clusters in the data and organize them globally, and proceed in an unsupervised fashion.