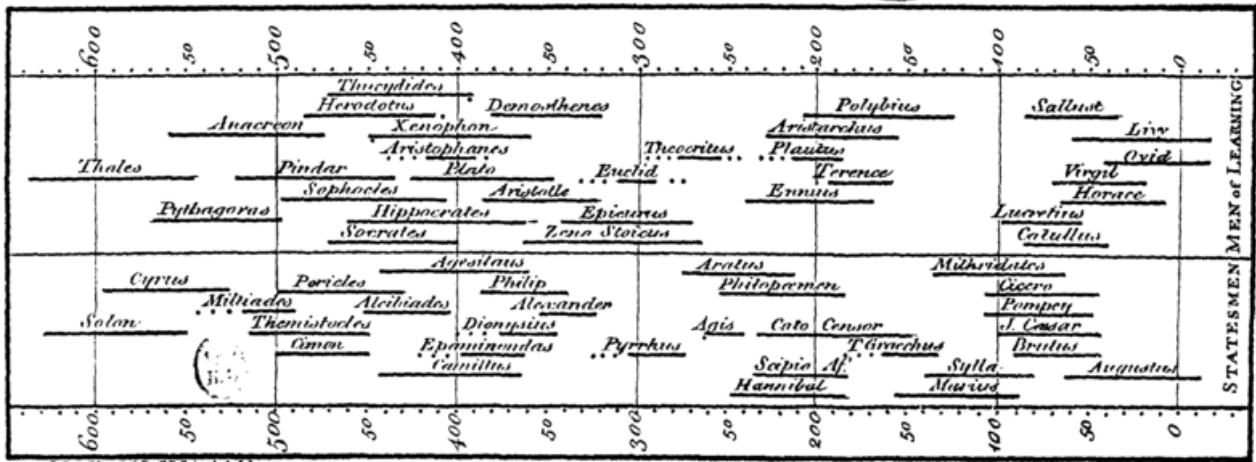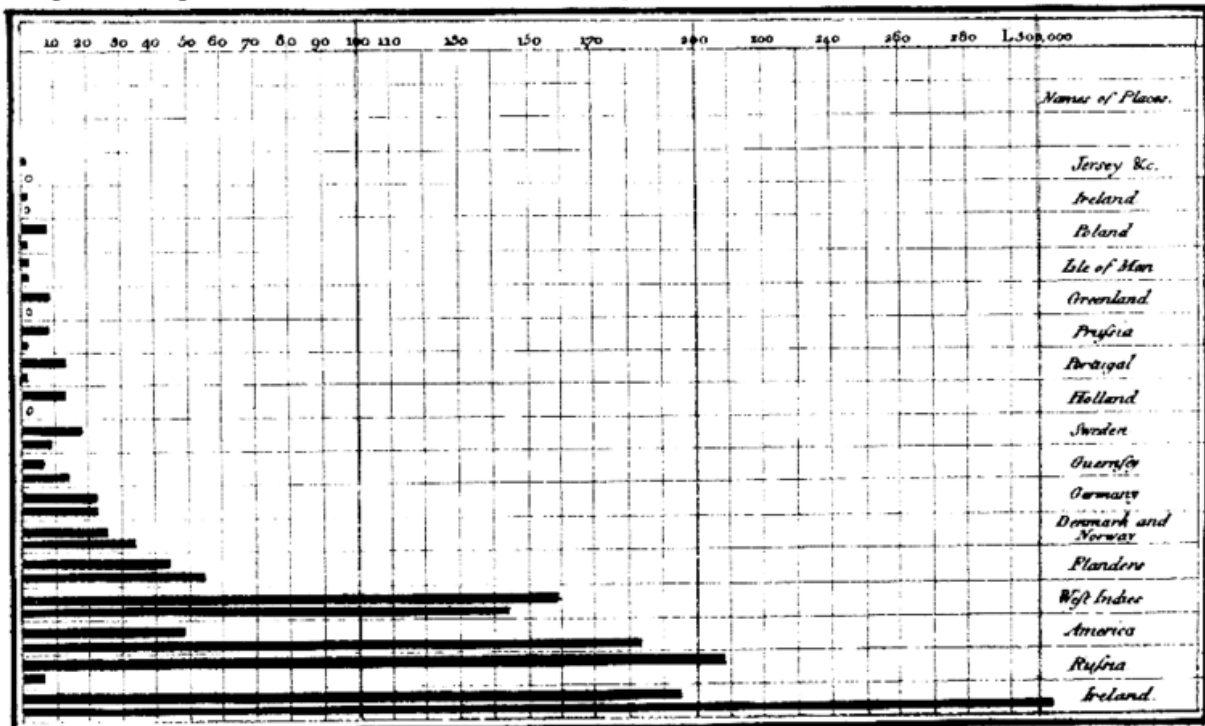• 1765 Timeline - Joseph Priestley [theologian, Dissenting clergyman, natural philosopher, chemist, educator, and political theorist]

*A Specimen of a Chart of Biography.*

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

MEN of LEARNING:
Thucydides, Herodotus, Demosthenes, Anacreon, Xenophon, Polybius, Sallust, Aristophanes, Aristarchus, Livy, Thales, Pindar, Aristophanes, Plato, Theocritus, Plautus, Ovid, Euclid, Terence, Virgil, Sophocles, Aristotle, Ennius, Horace, Pythagoras, Hippocrates, Epicurus, Lucretius, Socrates, Zeno Stoicus, Catullus

STATESMEN:
Agesilaus, Aratus, Mithridates, Cyrus, Pericles, Philip, Philopoemen, Cicero, Solon, Alcibiades, Alexander, Pompey, Miltiades, Agis, Cato Censor, J. Caesar, Themistocles, Dionysius, Pyrrhus, T. Gracchus, Brutus, Cimon, Epaminondas, Camillus, Scipio Af., Sylla, Augustus, Hannibal, Marius

J. Priestley, L.L.D. F.R.S. inv. et del.

• 1786 Bar Chart - book The Commercial and Political Atlas, by William Playfair (1759-1823).

Exports and Imports of SCOTLAND to and from different parts for one Year from Christmas 1780 to Christmas 1781.
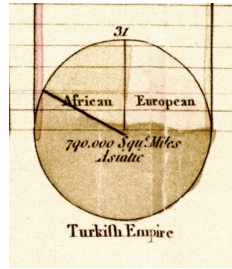
Names of Places.
Jersey &c., Ireland, Poland, Isle of Man, Greenland, Prussia, Portugal, Holland, Sweden, Guernsey, Germany, Denmark and Norway, Flanders, West Indies, America, Russia, Ireland

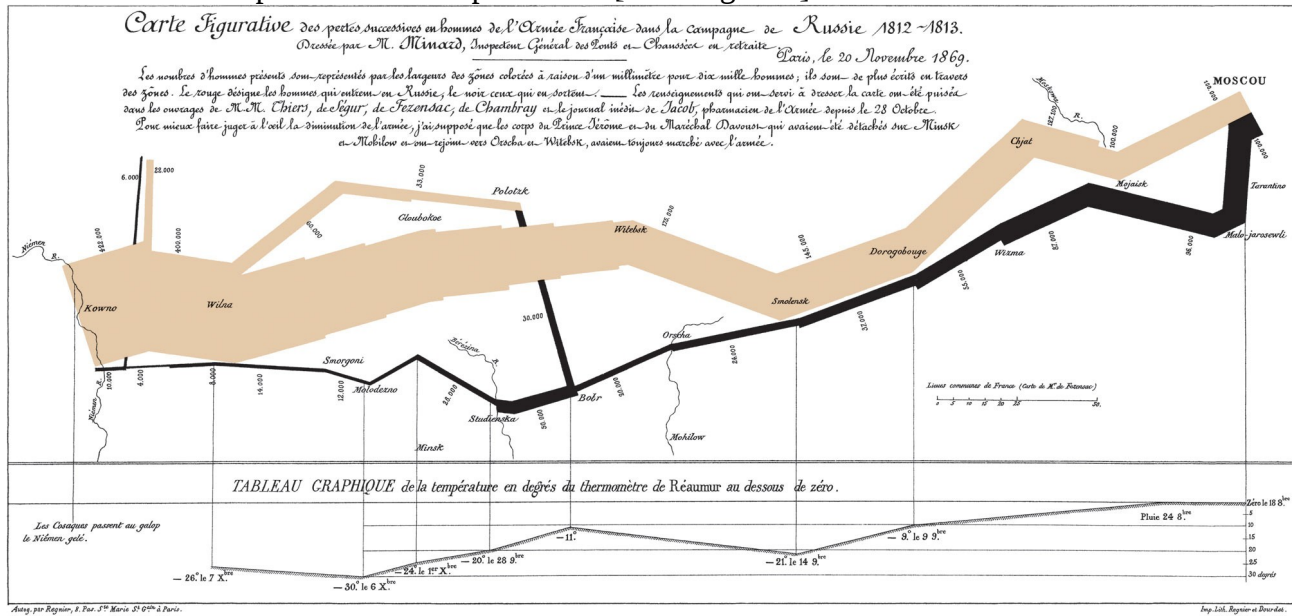The Upright divisions are Ten Thousand Pounds each. The Black Lines are Exports the Ribbed lines Imports.

Published as the Act directs June 7th 1786 by Wm Playfair
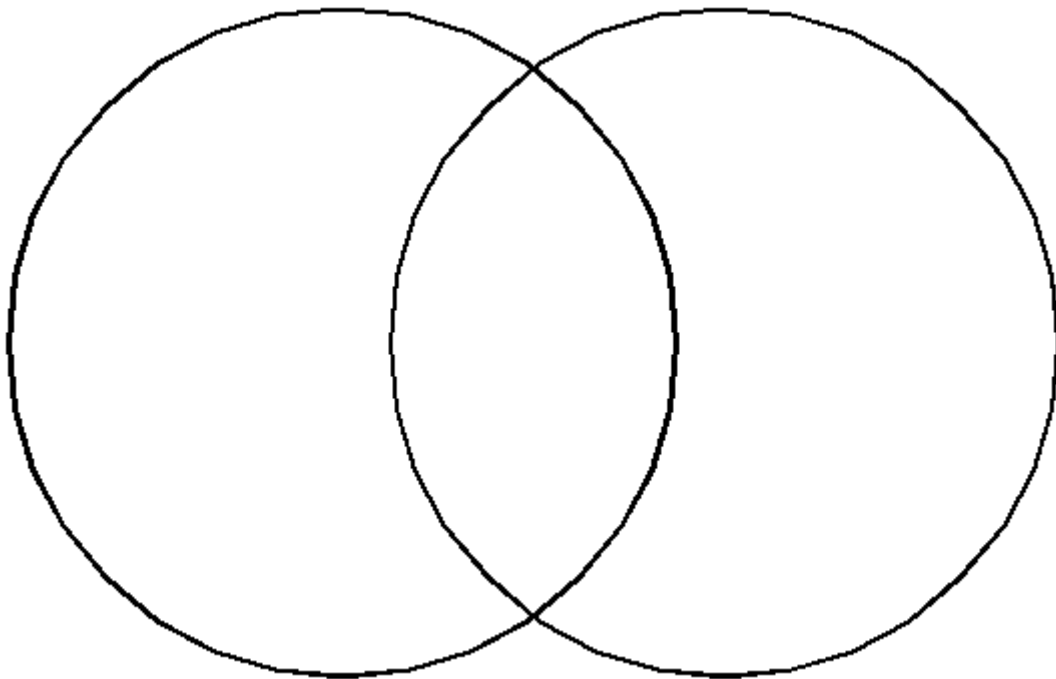
Neele sculpt 352 Strand, London.

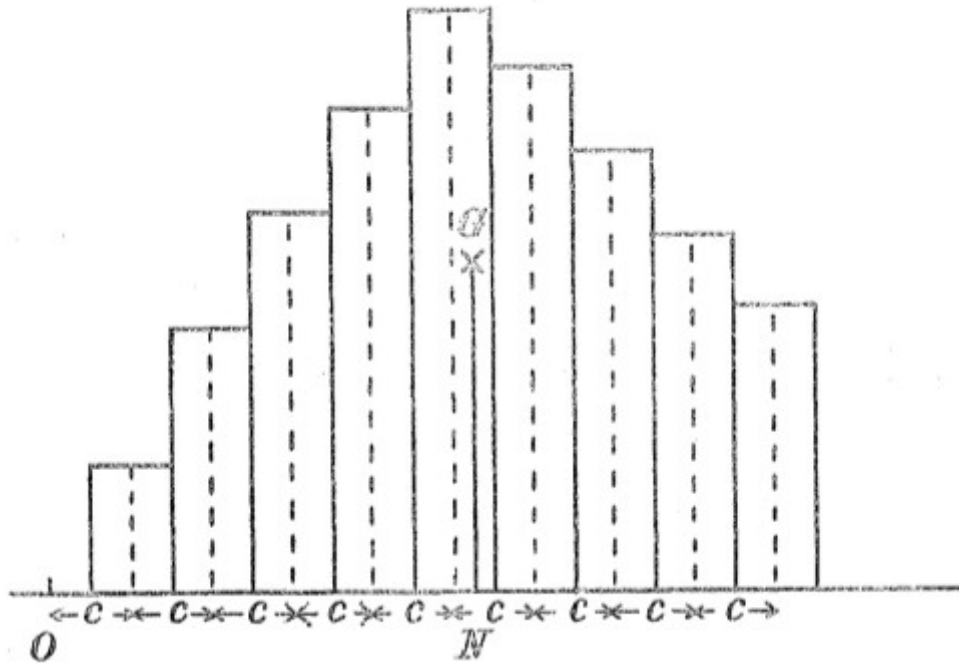• 1801 Pie chart - William Playfair's Statistical Breviary of 1801 [engineer and political economist]



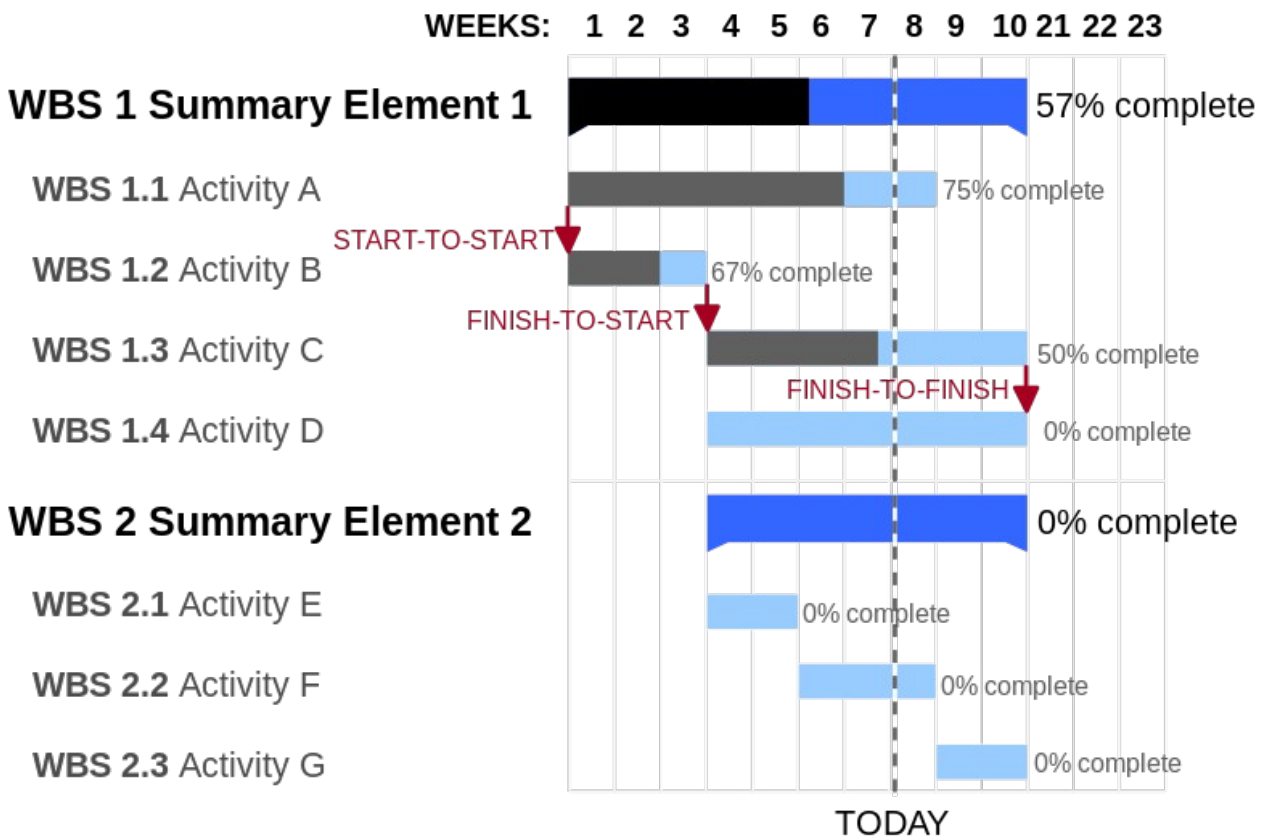• 1869 Flows in maps - Charles Joseph Minard [civil engineer]



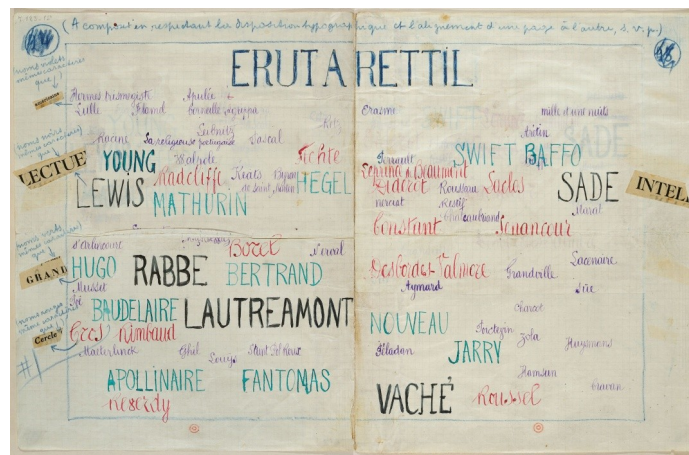• 1880 Venn diagram - by John Venn (1834–1923) [philosopher]

• 1891 Histogram - Karl Pearson, [Mathematician]



• 1896 Gantt Chart - by Karol Adamiecki, who called it a harmonogram. [economist, engineer]

• 1921 Flowchart - Frank Gilbreth [scientific management]

• 1923 Tagcloud – André Breton [write, poet] and Robert Desnos [poet], proto-surrealist magazine Littérature. It weighs the importance of certain writers for the nascent surrealists.



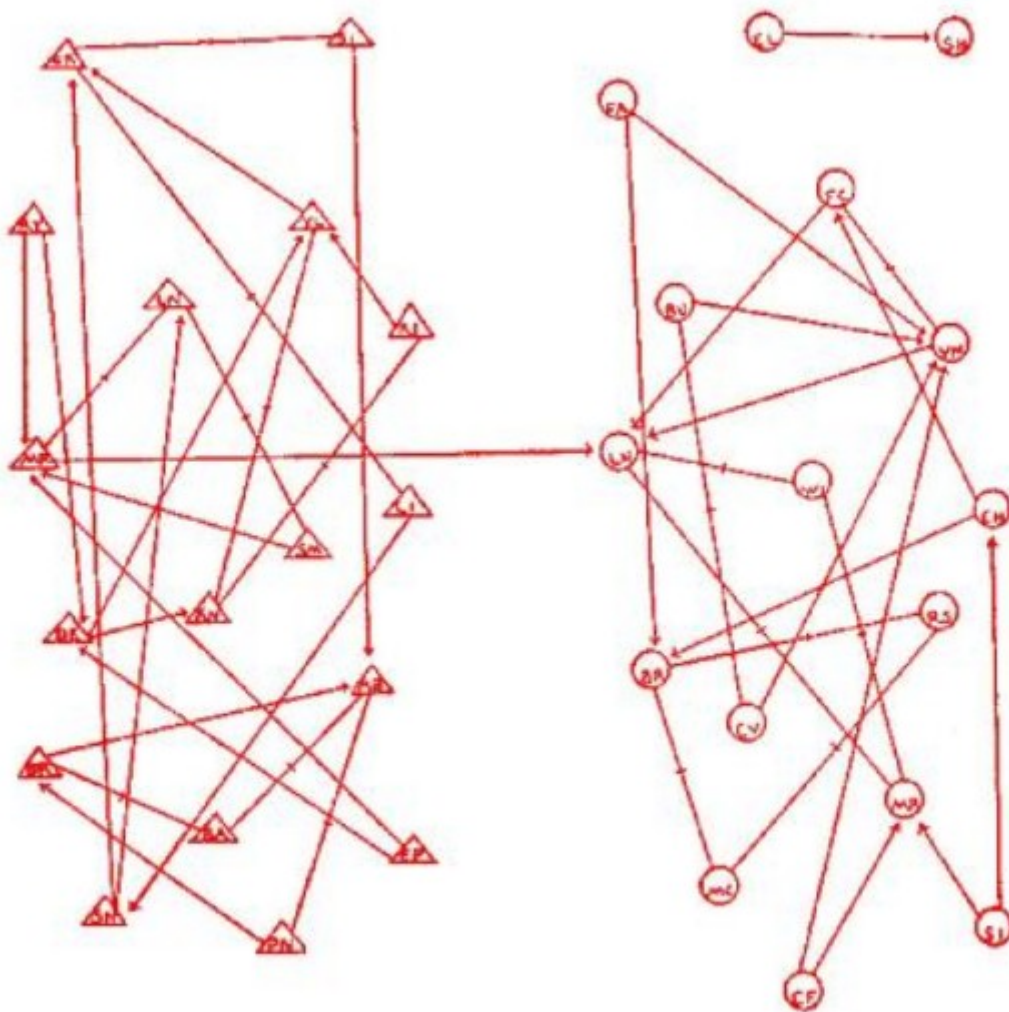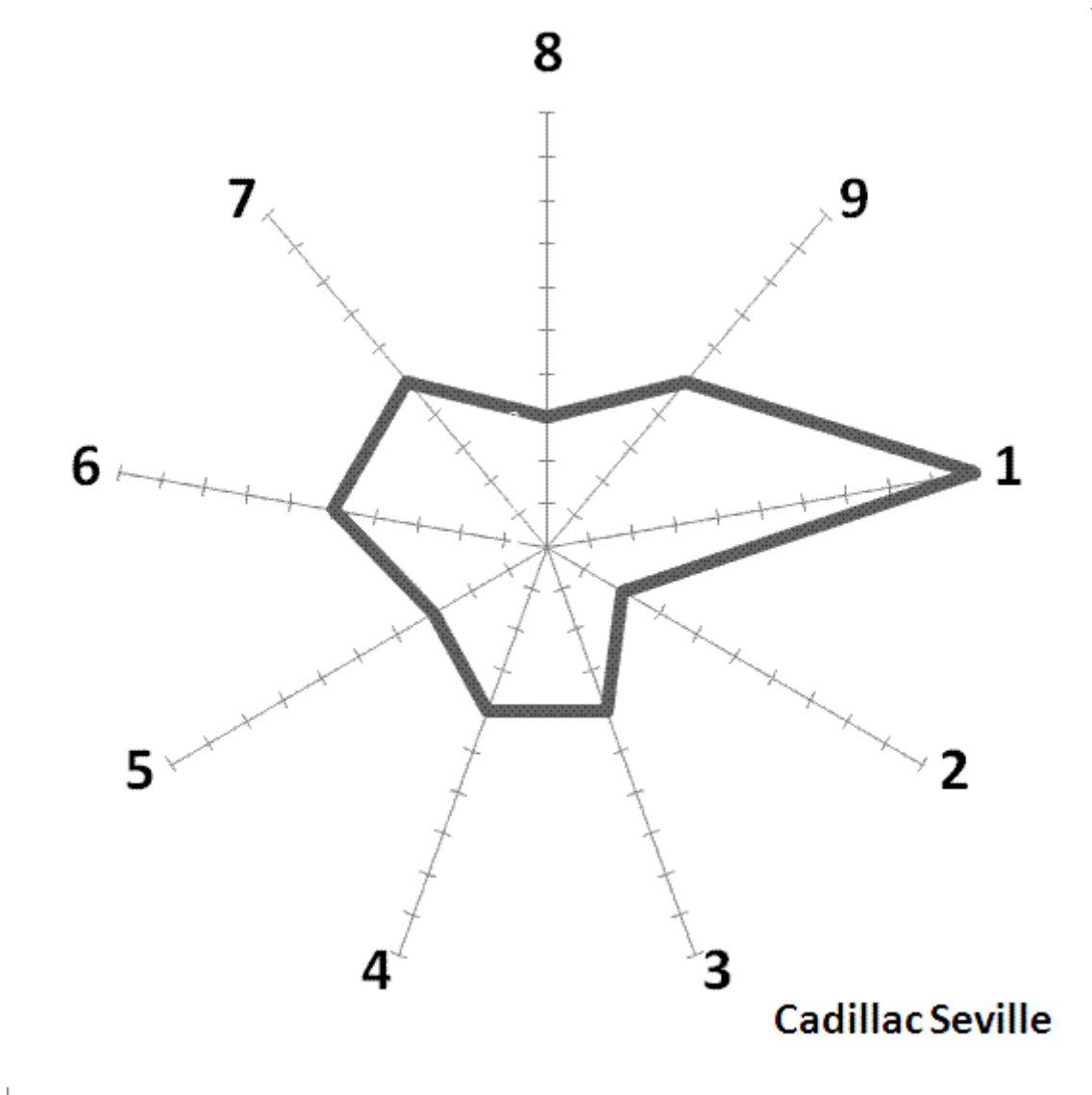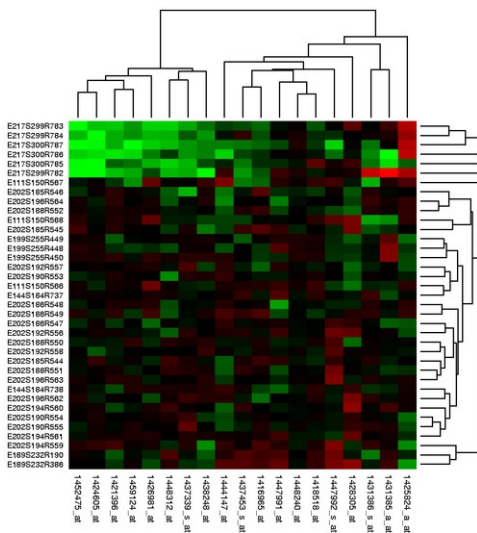• 1934 Social Networks - Jacob Moreno [psychiatrist and psychosociologist]



Figure 10-2. *One of the earliest social network visualizations: Jacob Moreno's Friendship Choices Among Fourth Graders (Moreno 1934).*

• 1977 Boxplot - John Tukey [mathematician]

• 1983 Star plot - John M. Chambers [Computer science, statistics]



Cadillac Seville

• 1990 Treemap - University of Maryland, College Park professor Ben Shneiderman in the early 1990s [Computer Science]

• 1991 Headmap - Cormac Kinney [entrepreneur and software designer]



• 1992-1995 Tagcloud - Douglas Coupland's Microserfs (1995). [novelist]

• 1999 Sparkline - Edward Tufte [political science, statistics, and computer science]