

Historia grafiki statystycznej

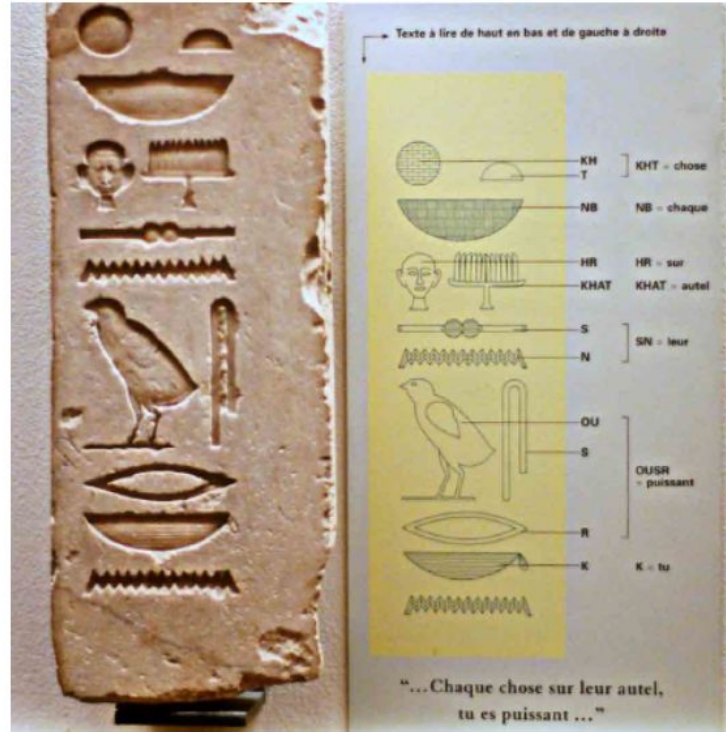
Techniki Wizualizacji Danych

Zaczniemy bardzo daleko...



... 17 tysięcy lat temu.

Hieroglify



Tekst należy czytać od lewej do prawej, z góry na dół.

= rzecz

= wszystkie

= ołtarz

= ich

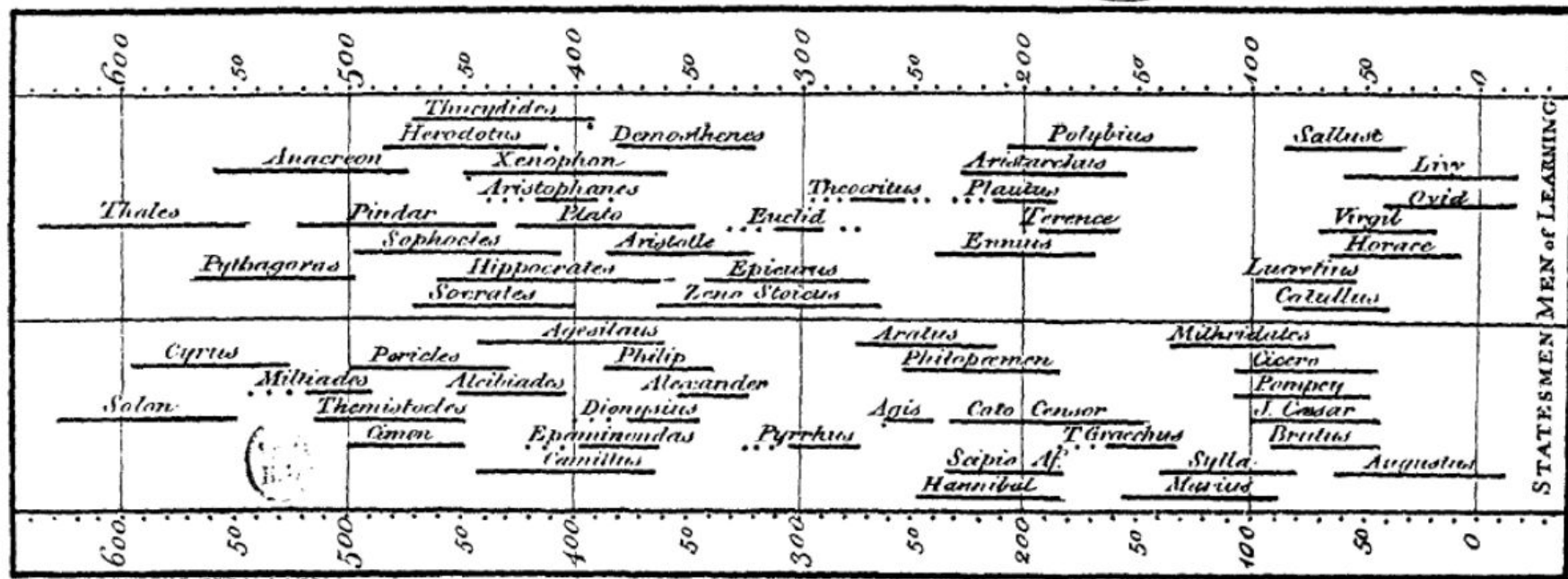
= potężny

= ty

= Wszystko na ich ołtarz, jesteś potężny

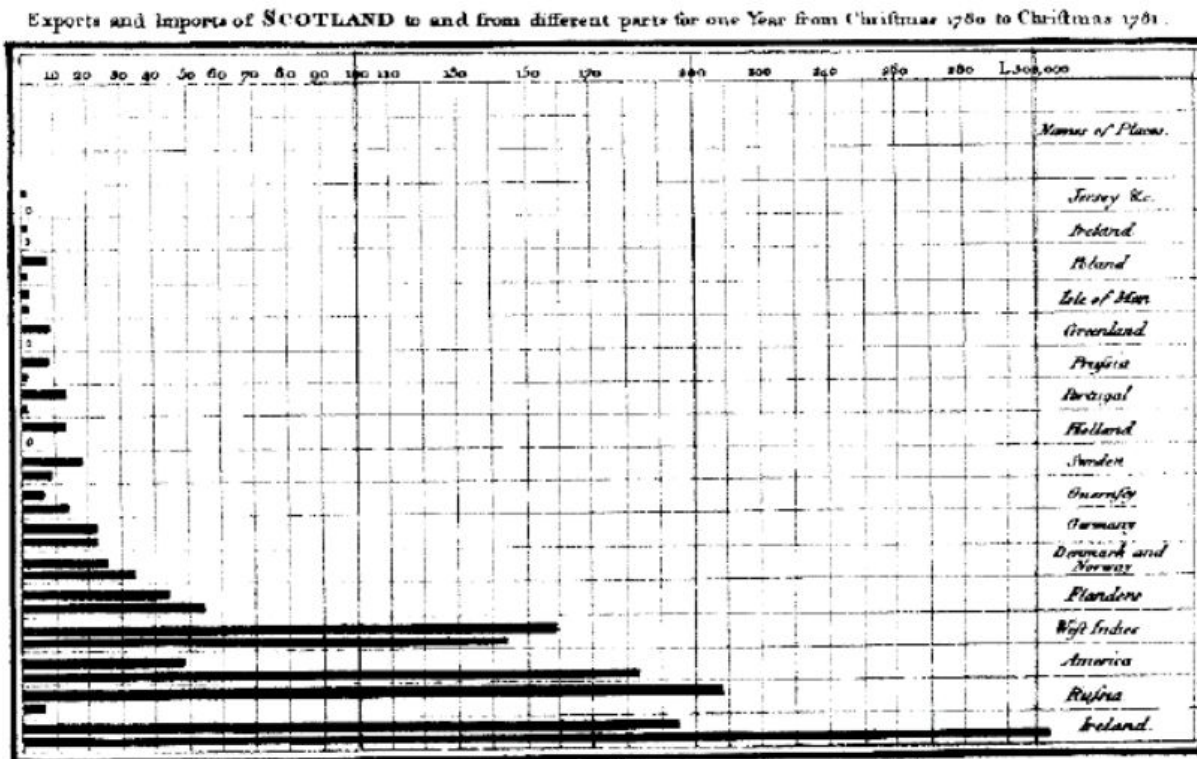
Joseph Priestley

A Specimen of a Chart of Biography.



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

William Playfair

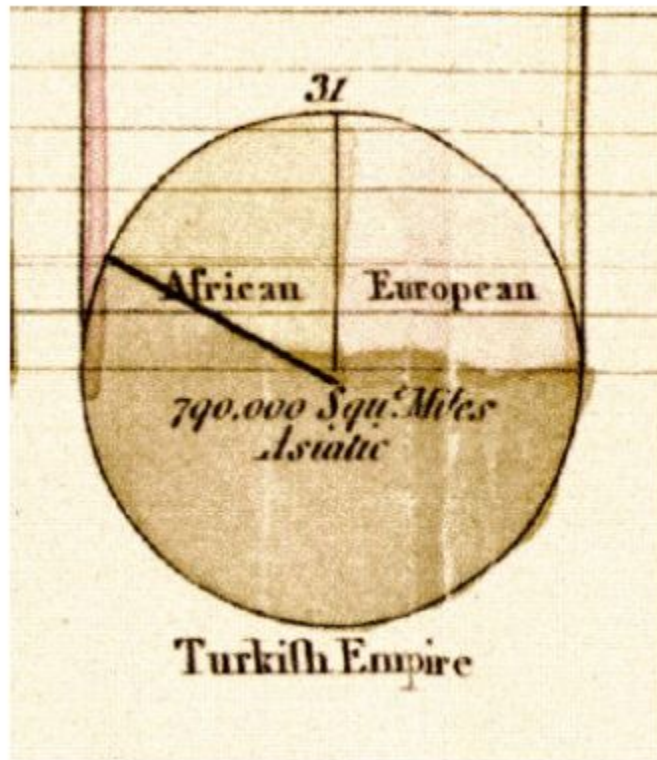


The Upright divisions are Ten Thousand Pounds each. The Black Lines are Exports the Ribbed Lines Imports.

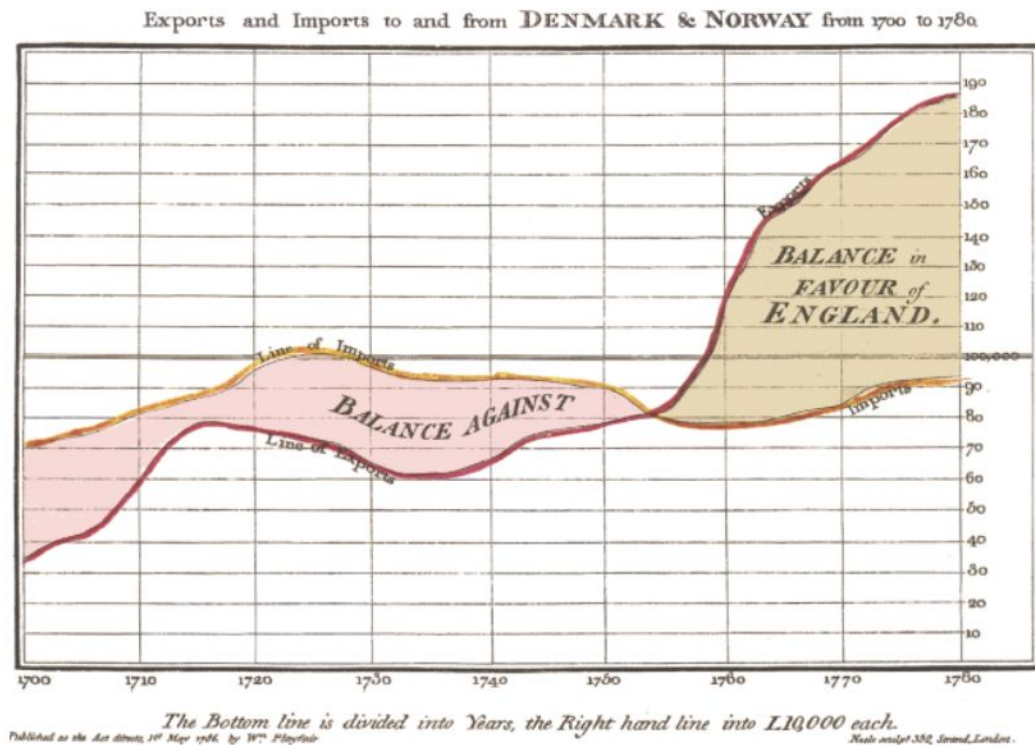
Published as the first volume of the *Journal of the Royal Statistical Society* 1781 by Wm Playfair.

Northampton 1781, Printed by J. Smith.

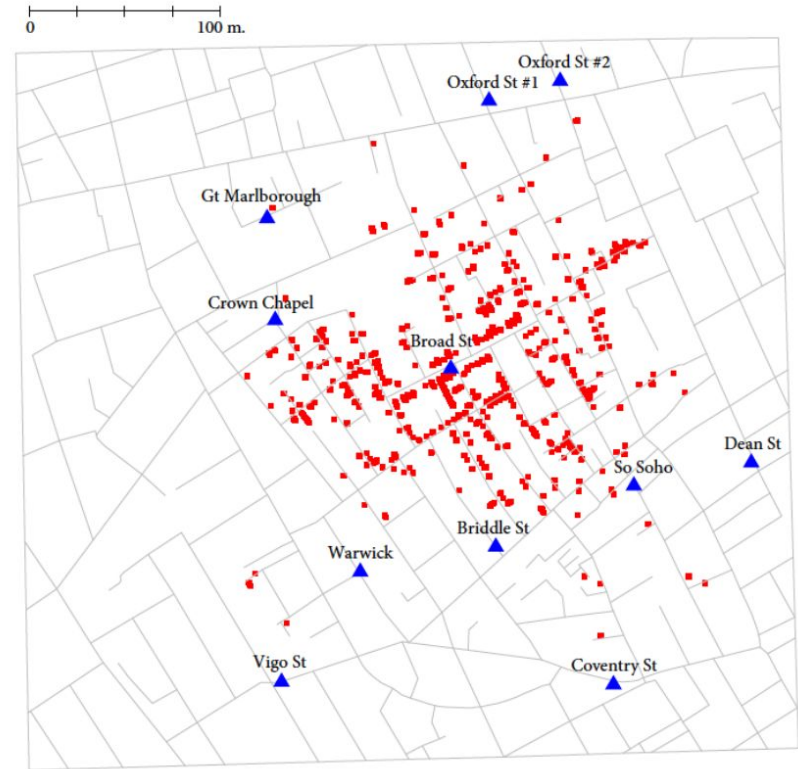
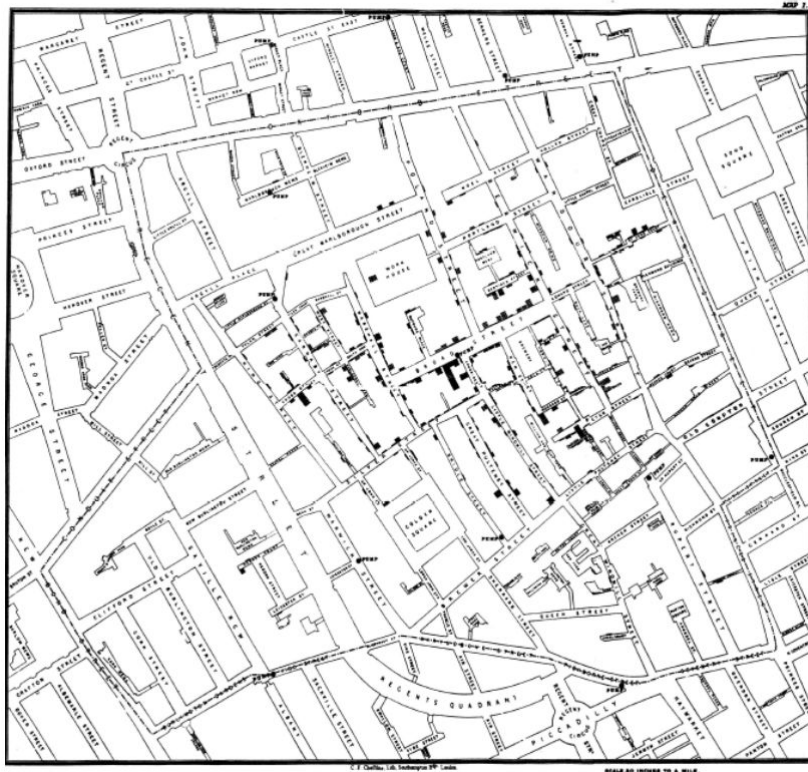
William Playfair



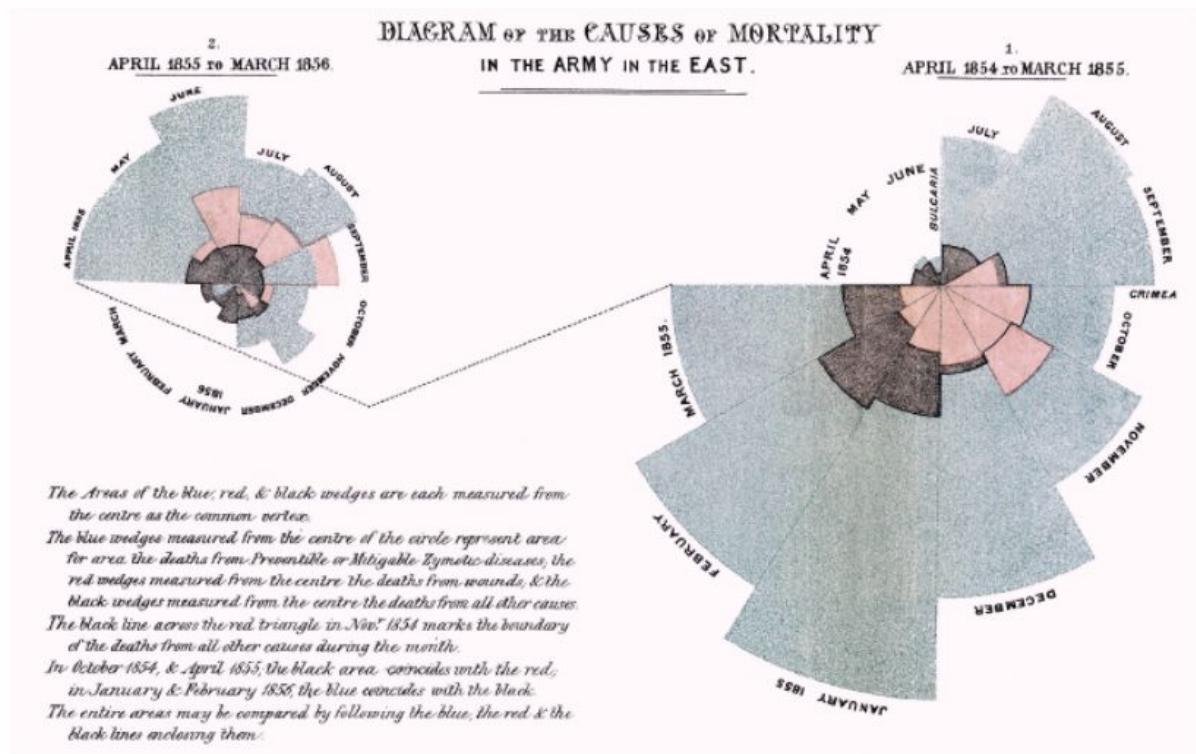
William Playfair



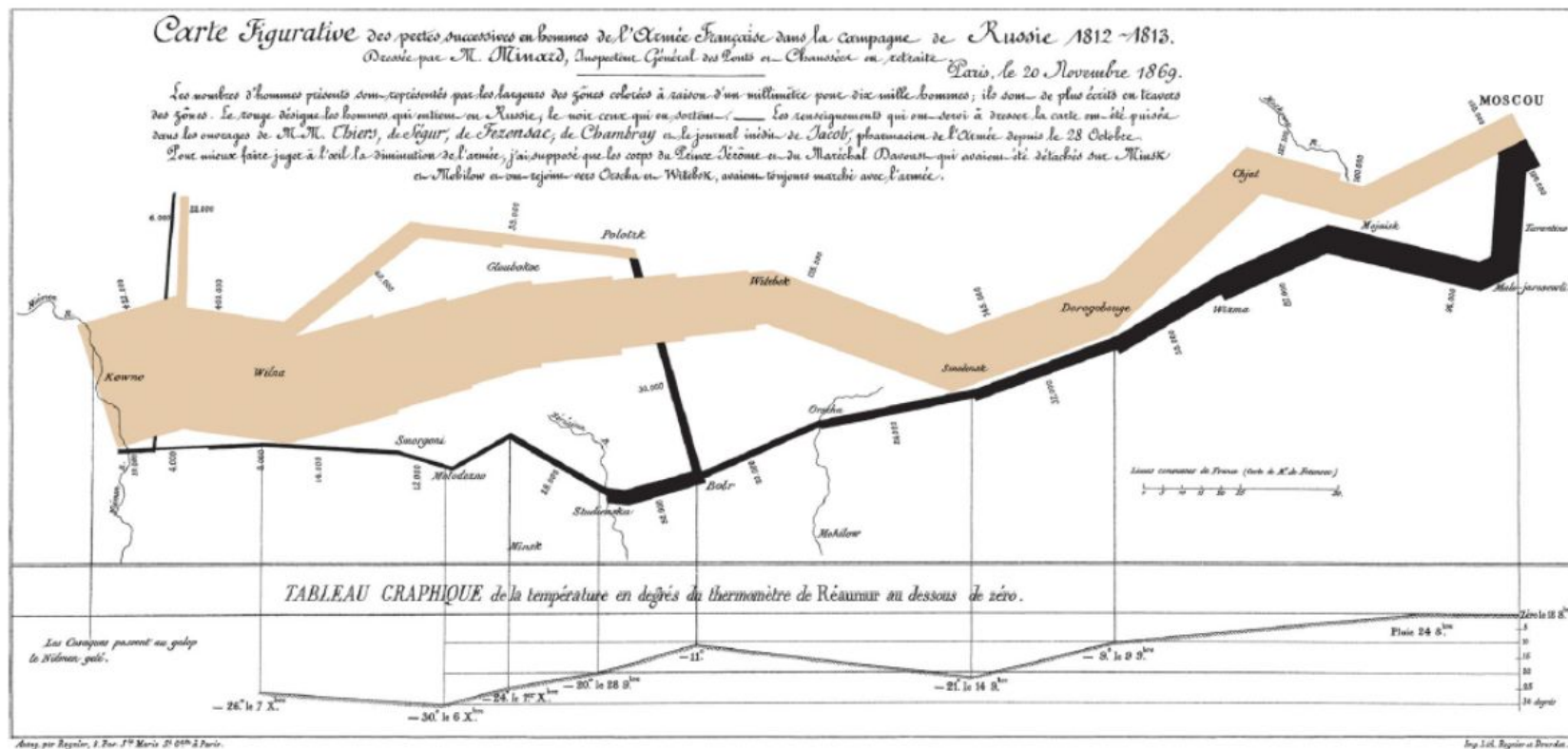
John Snow



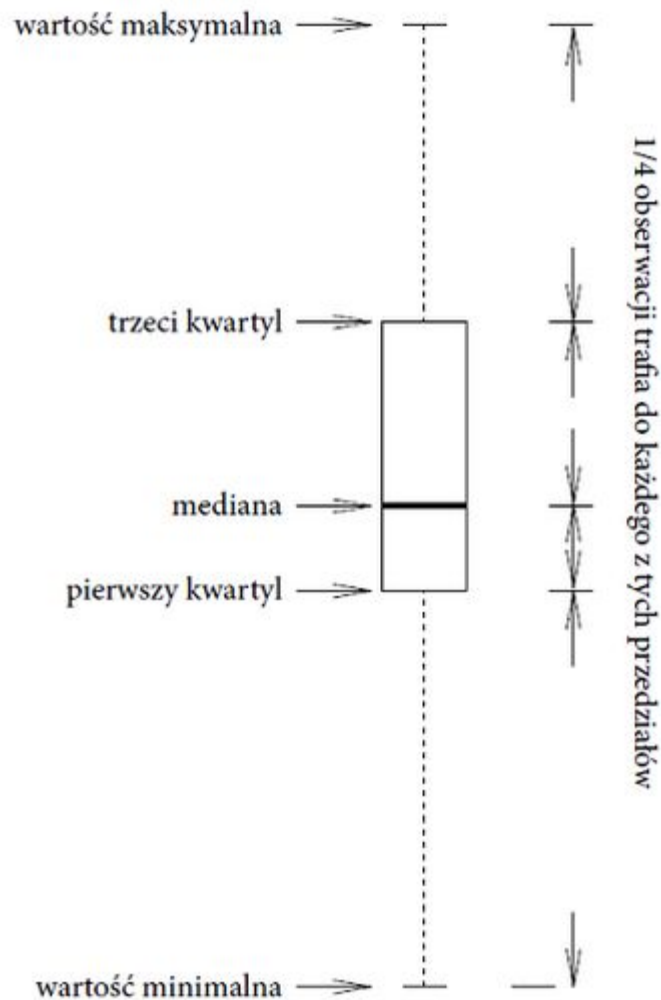
Florence Nightingale

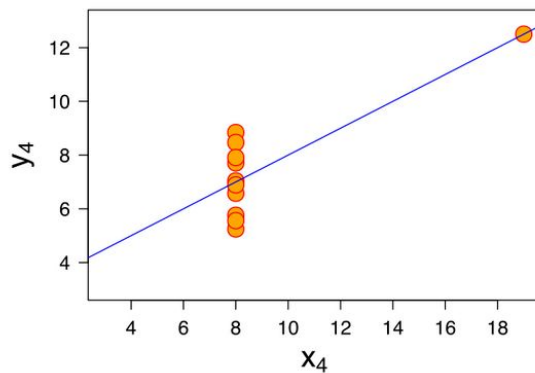
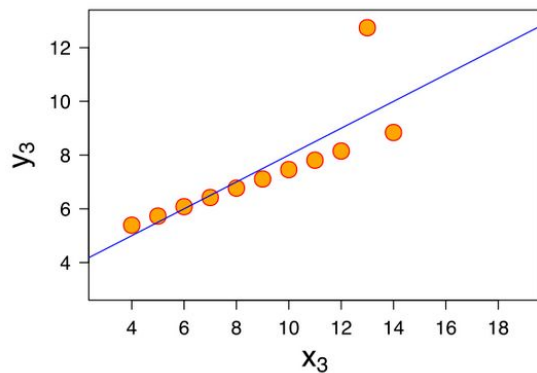
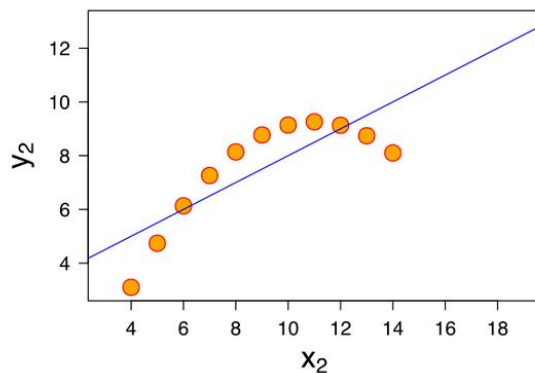
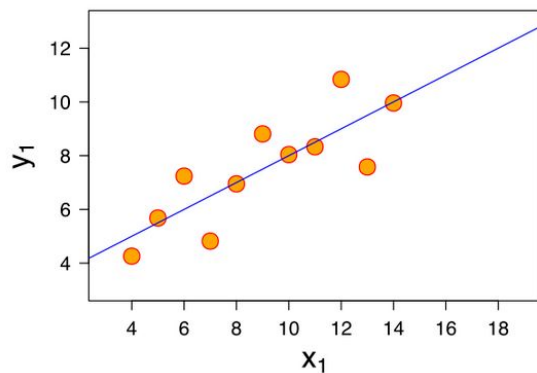


Charles Minard



John Tukey





Kwartet
Anscombe'a

Edward Tufte

www.edwardtufte.com

