

correlation.·one

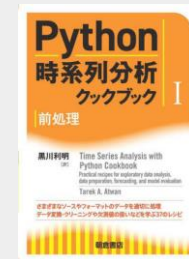
TECH FOR JOBS

HELLO
my name is

Tarek Atwan

About Me:

- Book Author
- 18+ Years Consulting Services
- 5+ Years Instructor
- 2 Startups
- Fun Facts



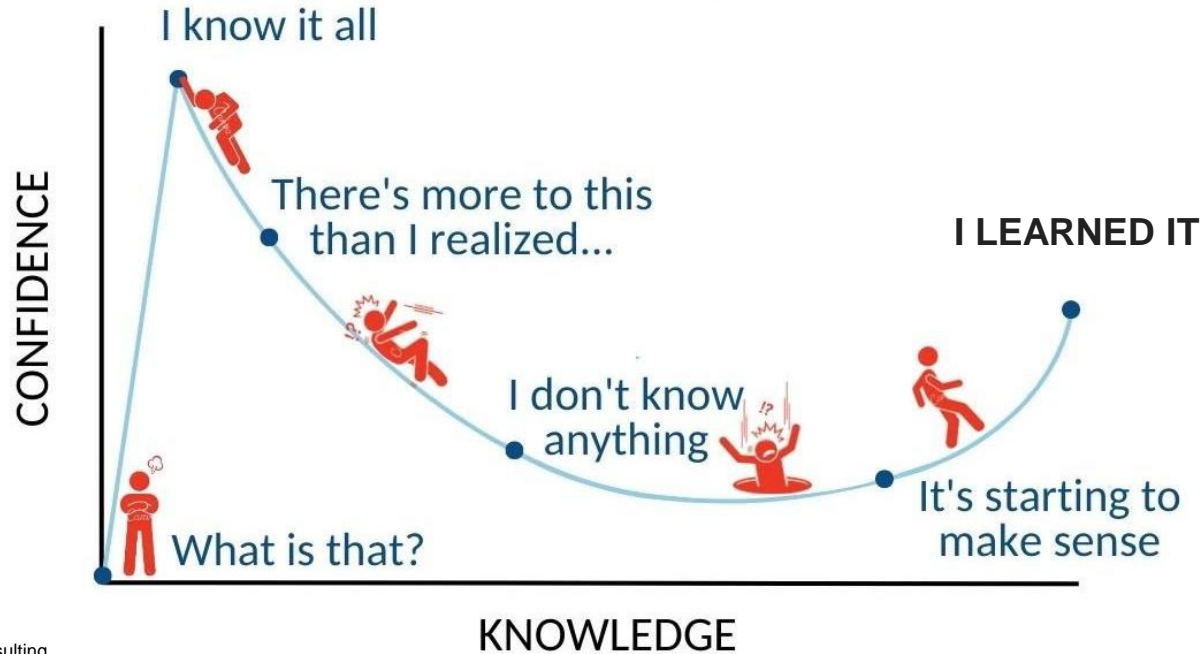
At the end of this training, you will:

Become a **data analyst Ninja**

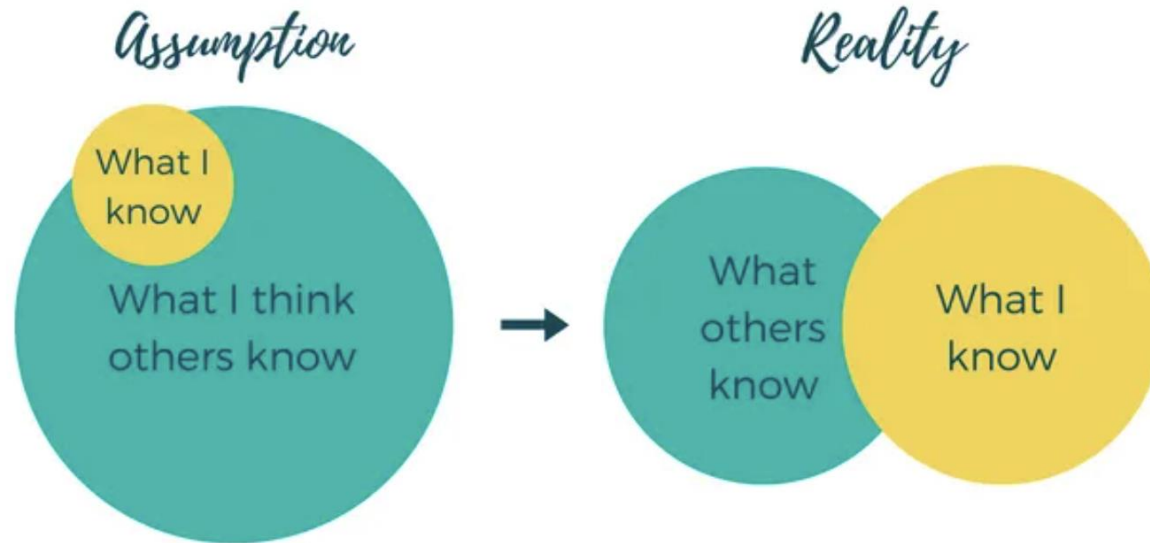




Dunning-Kruger Effect

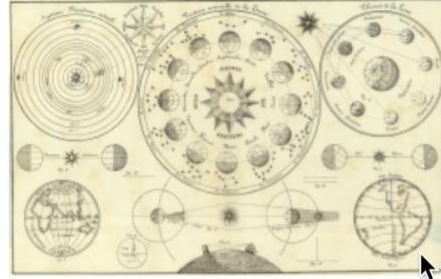


———— The Imposter Syndrome ————



Data Visualization Timeline

source:
CHARTIO



Stellar Data

Location of stars were visualized on the walls of caves.



Turin Papyrus Map

First documented data visualization illustrating the distribution of geological resources.



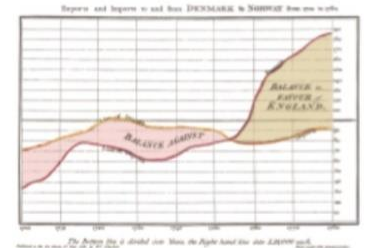
Mesopotamian Clay Tokens

As farming became the way of life in Mesopotamia, plain clay tokens became a representation of quantities of certain commodities..



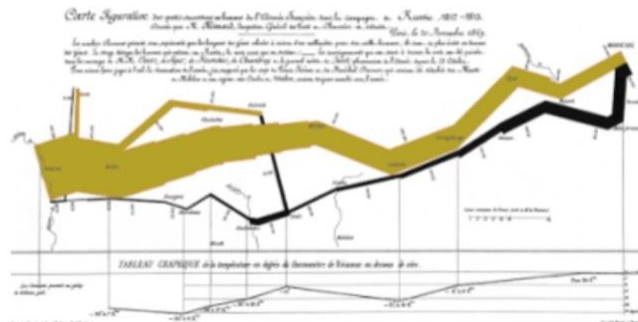
William Playfair

Playfair argued that charts communicated better than tables of data. He's widely considered the inventor of line, bar, area and pie charts..



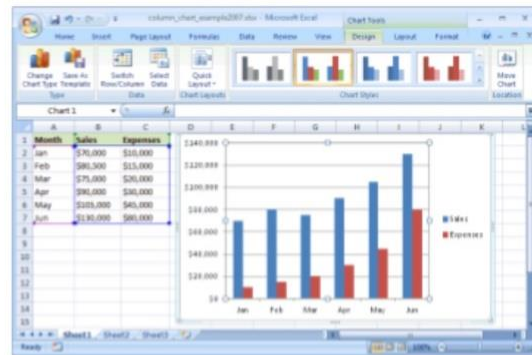
Data Visualization Timeline

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CHARTIO



Late 19th Century - Golden Age of Statistics

Charles Minard's 1869 chart showing the number of men in Napoleon's 1812 infamous Russian campaign army. A number of factors contributed to the "Golden Age" of statistical graphing: one being the industrial revolution.



MS Excel

The most game changing tool for data viz was Microsoft Excel which was made less than 40 years ago. Excel empowers people to work with data in unaggregated forms in rows and columns and then with the click of a button produce a visual representing this data

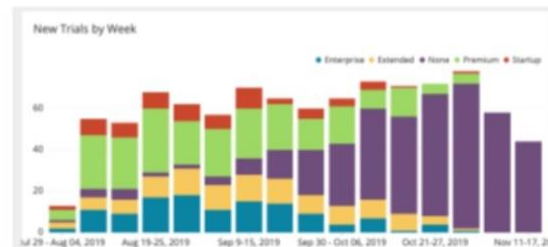
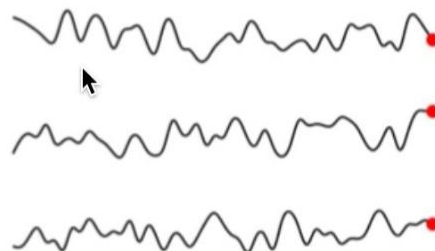
Present Day

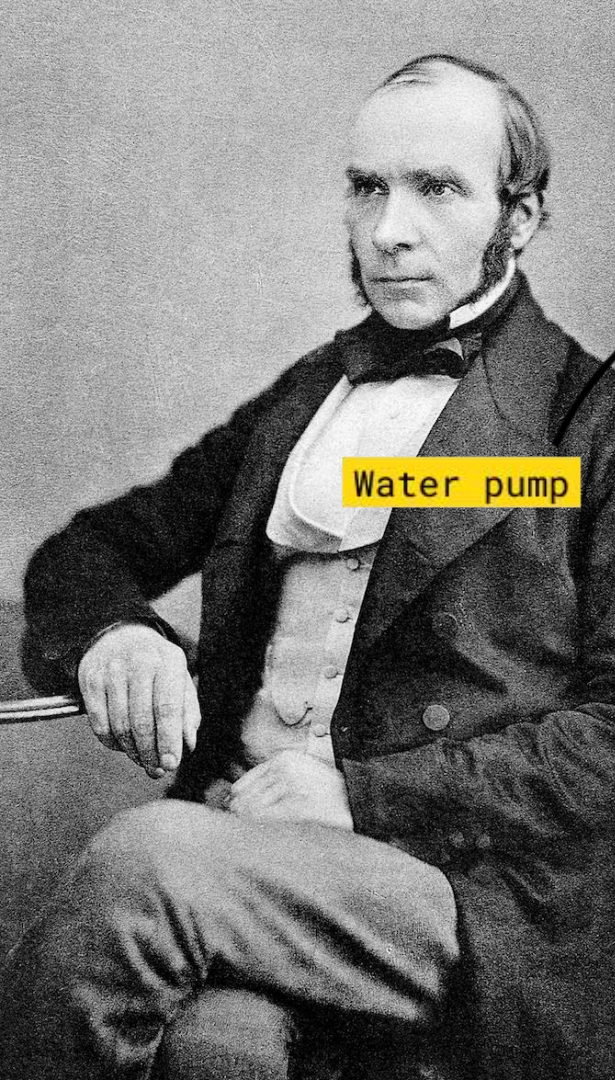
Data Visualization Tools

The latter half of the 20th century is the rebirth of data visualization brought on by the emergence of computer processing.

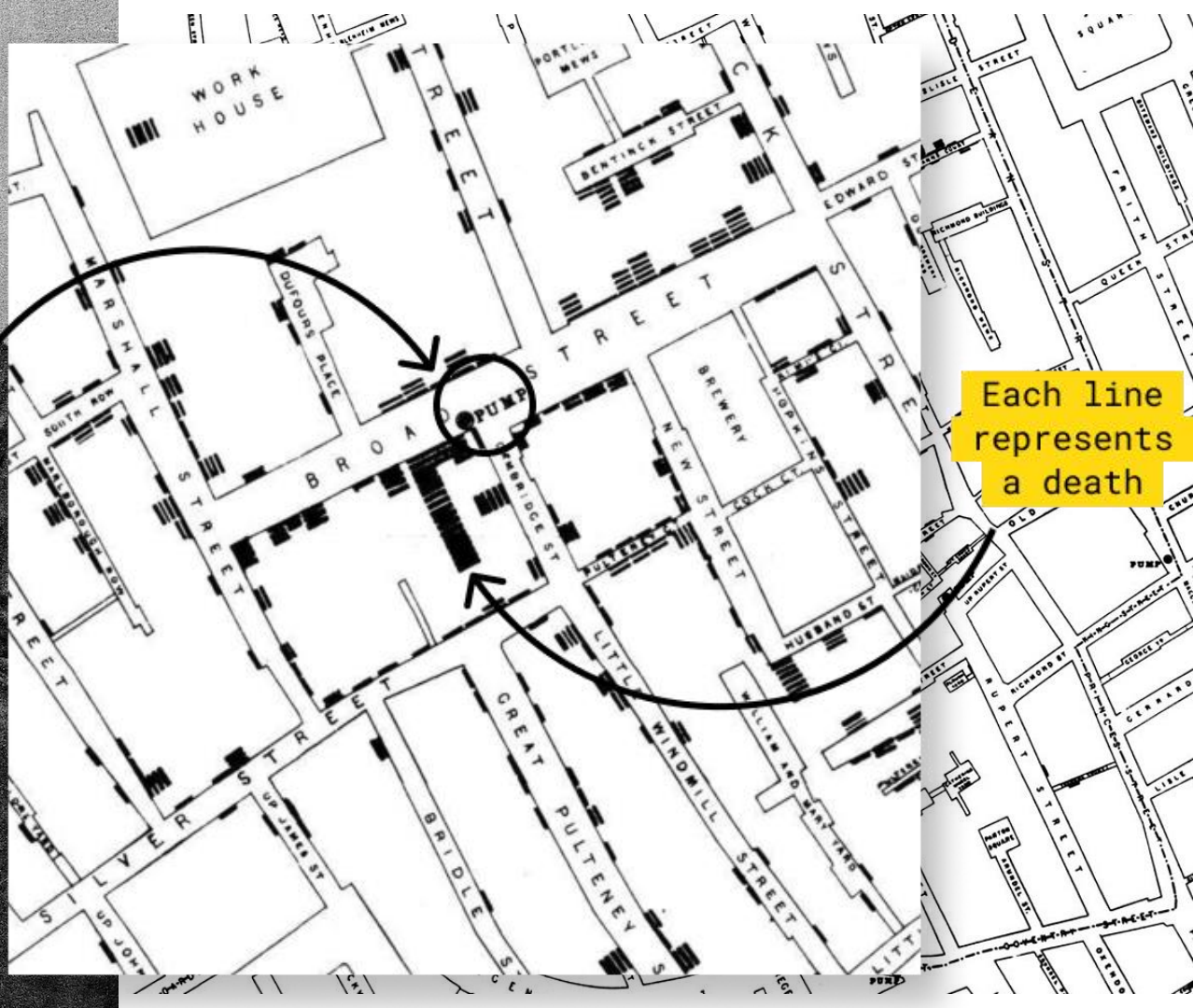
Sparklines

Edward Tufte introduced us to the sparkline, which gives the general shape of a trend in a small amount of space. His work, *The Visual Display of Quantitative Information* is still used today in university courses for data visualization and statistical analysis.





Water pump

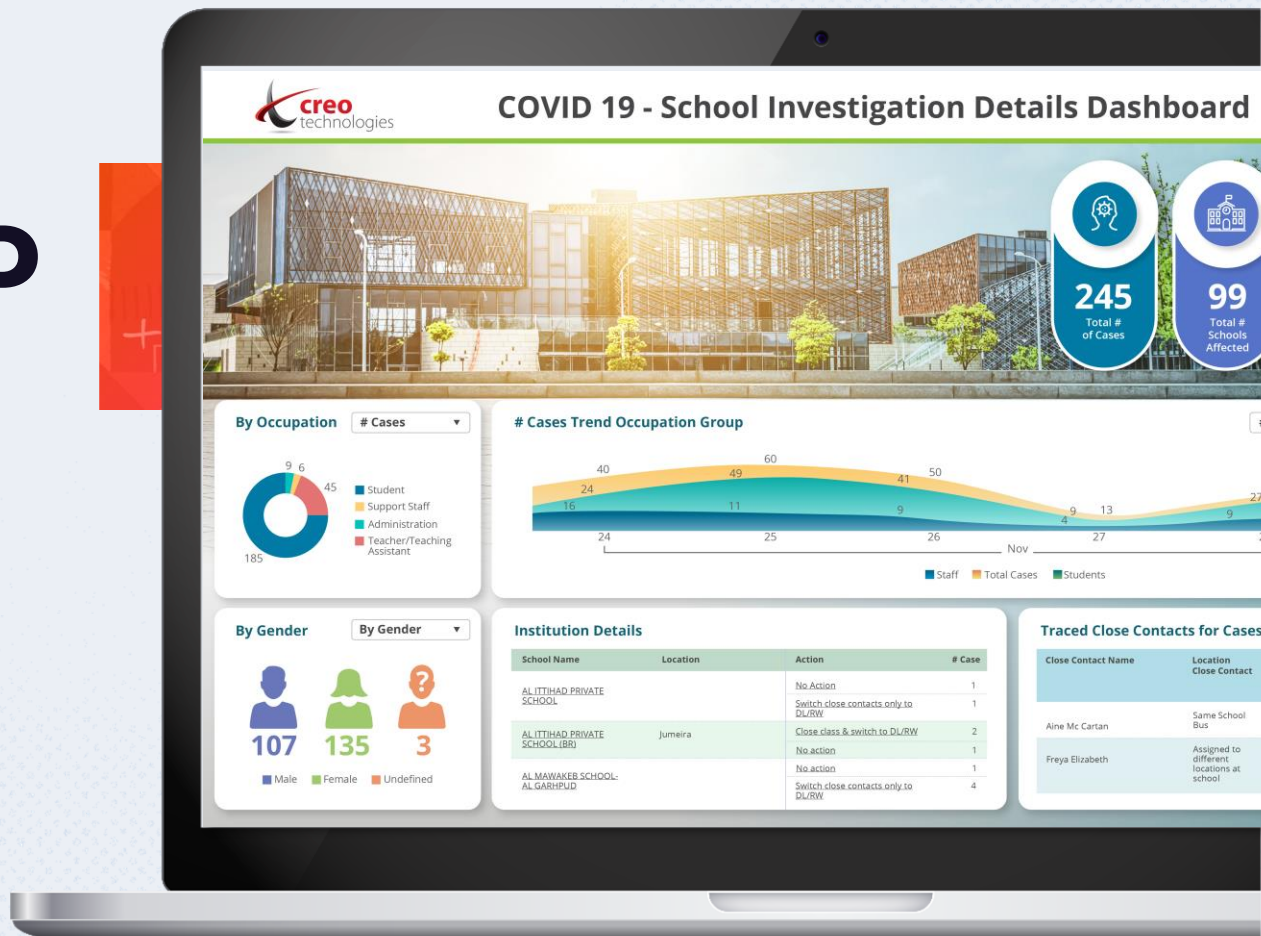


Each line
represents
a death

PROJECT PORTFOLIO MANAGEMENT



COVID-19 DASHBOARD



SALES

