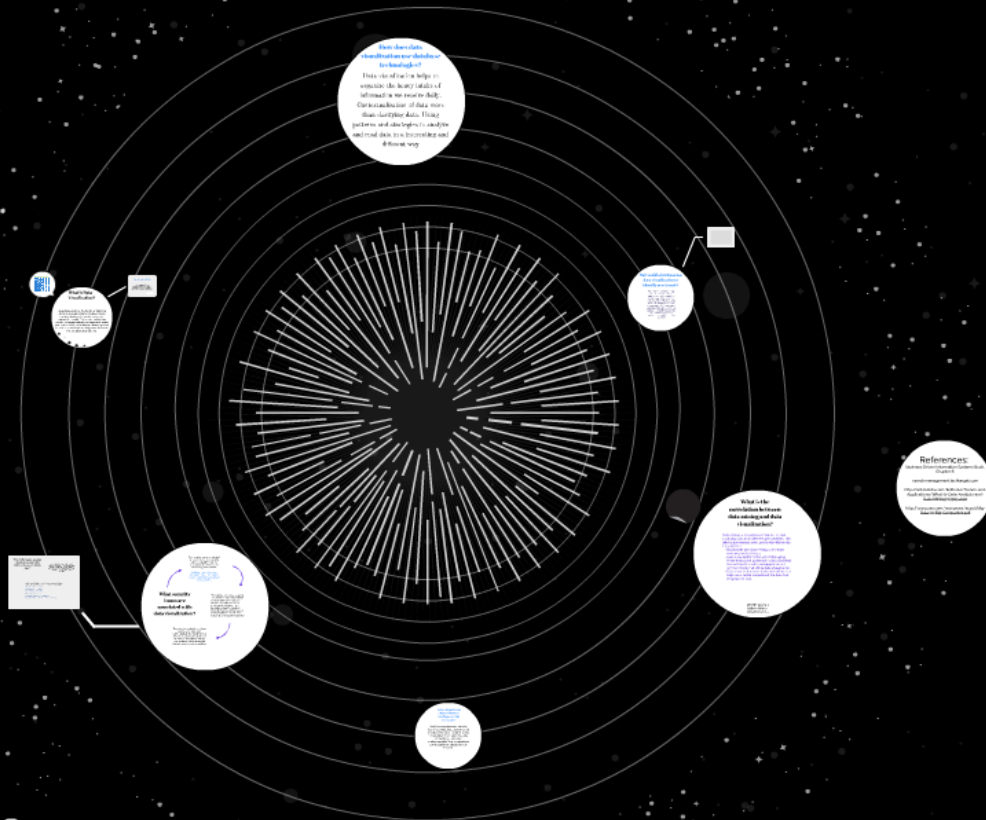


Data Visualization

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What is the correlation between data mining and data visualization?

What security measures are best with data visualization?

What are the best practices for data visualization?

What is the correlation between data mining and data visualization?

Data Visualization

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A 3D rendering of a cityscape, likely New York City, with a large, blue, pyramid-shaped structure composed of numerous small, glowing data points. The pyramid is centered in the foreground, and the city buildings are visible in the background. The text "DATA VISUALIZATION" is overlaid on the pyramid in a bold, white, sans-serif font. The entire scene is framed by a black border with a starry, space-like pattern.

DATA VISUALIZATION



What Is Data Visualization?

Data visualization is the display of data in a pictorial or graphic format. It allows those making decisions to see data analytics presented visually. This in turn makes it so people can grasp difficult concepts and realize new patterns. Data visualization allows a person to look at a set of data and dig down further to find solutions to problems.



Search by Function

View by List



Arc Diagram



Area Graph



Bar Chart



Box & Whisker Plot



Brainstorm



Bubble Chart



Calendar



Choropleth Map



Donut Chart



Dot Matrix Chart



Flow Map



Histogram



Illustration Diagram



Line Graph



Multi-set Bar Chart



Parallel Sets



Pictogram Chart



Pie Chart



Population Pyramid



Proportional Area Chart



Radial Bar Chart



Sankey Diagram



Scatterplot



Span Chart



Stacked Area Graph



Stacked Bar Graph



Tally Chart



Timeline



Time Table



Tree Diagram

Search by Function

View by List



Poor Information Effects

Poor information leads to misunderstandings, misleading and confusing, inaccurate, unclear purpose, and loss of trust in those using the data.

The "classic" types of misleading graphs include cases where:

- The Vertical scale is too big or too small, or skips numbers, or doesn't start at zero.
- The graph isn't labeled properly.
- Data is left out.

