Ores Practice

With the given datasets, you can create various visualizations in Power BI to gain insights into the data. Here are some visualization options you can consider:

1. Bar Chart: You can create a bar chart to compare the "Nombre de points d'acces" (Number of access points) based on different categories such as "Annee" (Year), "Secteur geographique" (Geographic sector), or "Type de client/consommateur" (Client/Consumer type).

2. Map: Utilize a map visualization to display the distribution of access points or luminaires across different "Code Postal" (Postal Code) or "Commune" (City). You can use different colors or bubble sizes to represent the number of points/access or luminaires.

3. Pie Chart: Create a pie chart to show the composition of "Fluide" (Fluid) or "Tension" (Voltage) categories. This can provide a visual representation of the proportion of different fluid types or voltage levels.

4. Stacked Column Chart: Use a stacked column chart to compare the total number of luminaires and their types ("Dont luminaires LED" and "Dont luminaires non LED") over different "Annee" (Year) or "Commune" (City).

5. Line Chart: Visualize trends and patterns over time by using a line chart. You can plot the "Nombre total de luminaires" (Total number of luminaires) or "Nombre de points d'acces" (Number of access points) against "Annee" (Year) to observe any changes or patterns.

6. Treemap: Create a treemap visualization to represent the hierarchy and proportion of different "Fluide" (Fluid) types based on the total number of luminaires or access points. Each tile's size will correspond to the number or proportion of a specific fluid type.

These are just a few examples, and Power BI offers a wide range of visualizations to explore and present data in an insightful and interactive manner. The choice of visualizations ultimately depends on the specific insights or comparisons you want to highlight from the datasets.

Certainly! Here are 15 additional visualization ideas you can consider for your datasets in Power BI:

1. Scatter Plot: Use a scatter plot to analyze the relationship between variables, such as "Nombre de points d'acces" (Number of access points) and "Nombre total de luminaires" (Total number of luminaires).

2. Area Chart: Show the trends and comparisons of "Nombre de points d'acces" (Number of access points) or "Nombre total de luminaires" (Total number of luminaires) over time using an area chart.

3. Card: Display key metrics, such as the total number of access points or luminaires, using a card visualization.

4. Gauge: Utilize a gauge visualization to represent the percentage of LED luminaires out of the total number of luminaires.

5. Funnel: Create a funnel chart to visualize the flow or conversion rates of clients or consumers based on different stages, such as "Type de client/consommateur" (Client/Consumer type).

6. Waterfall Chart: Show the breakdown of "Nombre total de luminaires" (Total number of luminaires) by different categories, such as "Dont luminaires LED" and "Dont luminaires non LED," using a waterfall chart.

7. Heat Map: Visualize the density or concentration of access points or luminaires across geographic regions using a heat map.

8. Donut Chart: Use a donut chart to display the distribution of different "Fluide" (Fluid) types or "Tension" (Voltage) levels.

9. Matrix: Compare the count or percentage of access points or luminaires across different categories, such as "Annee" (Year) and "Type de client/consommateur" (Client/Consumer type), using a matrix visualization.

10. Ribbon Chart: Analyze the correlation or overlap between different fluid types and their usage in luminaires using a ribbon chart.

11. KPI: Present key performance indicators, such as the average number of access points or luminaires per "Code Postal" (Postal Code), using a KPI visualization.

12. Slicer: Add slicers to enable interactive filtering by variables like "Annee" (Year), "Fluide" (Fluid), or "Tension" (Voltage) to dynamically update other visualizations.

13. Histogram: Show the distribution of "Nombre de points d'acces" (Number of access points) or "Nombre total de luminaires" (Total number of luminaires) using a histogram.

14. Tree Map: Visualize hierarchical data, such as the breakdown of access points or luminaires by different regions, using a tree map visualization.

15. Radar Chart: Compare the performance or characteristics of different "Type de client/consommateur" (Client/Consumer type) based on metrics like the number of access points or luminaires.

Remember, the choice of visualizations should be driven by the specific insights or comparisons you want to convey to your audience, so feel free to experiment and customize the visualizations based on your data and objectives.