Analysis of Top 1000 Technology Companies

I recently completed a Power BI project focused on analyzing the "Top 1000 Technology Companies" dataset. The aim was to uncover key insights into the global technology industry through data visualization.

 Project Overview: The project centered on creating an interactive dashboard that visualizes crucial metrics, such as company market cap, sector performance, and geographical distribution. Here's a summary of the steps and findings:

1. Data Preparation:

- Cleaned and structured the dataset to ensure accuracy in analysis.

- Transformed the data to align with the objectives of the project.

2. Data Modeling:

- Established relationships between different tables in the dataset.

- Created calculated columns and measures to facilitate analysis.

3. Data Analysis:

- Market Cap: Analyzed total, average, and distribution by company, sector, and country.

- Sector Performance: Examined the number of companies and total market cap by sector.

- Geographical Distribution: Explored revenue and the number of companies by country.

 Key Visualizations:

- Top 10 Countries by Market Cap

- Total Market Cap

- Count of Companies

- Bottom 5 Countries by Market Cap

- Top 10 Industries by Market Cap

- Bottom 5 Industries by Company Count

- Country-wise Market Cap Distribution

This project provided valuable insights into the technology sector and demonstrated the power of data visualization in driving business decisions.

Feel free to reach out if you have any questions or would like to collaborate on similar projects!