**Top 1000 Technology Companies in the world**

Objective

I analyzed the data to unravel some insights on the Top 1000 Technology Companies in the world based on market capitalization, using power BI to perform data exploration, analysis, and visualization.

Project Steps

1. Importation of data into my Power BI Dashboard.

1. Analysis Questions & Explanation  
   Key Metrics:  
   Total Market Capitalization: $18.76 trillion  
   Total Number of Companies Analyzed: 1000  
     
   Market Cap Distribution:  
   Top Countries by Market Cap:  
   The United States dominates with a staggering market cap of $13.26 trillion, representing the largest portion of the global technology sector.  
   United Kingdom and Taiwan follow, contributing $54.5 billion and $1.02 trillion, respectively.  
   Other significant countries include China, Japan, and South Korea.  
     
   Top 10 Market Caps (Bar Chart):  
   The bar chart highlights that the U.S. has a market cap significantly larger than other countries like Taiwan, China, and Japan.  
     
   Sum of Market Cap by Country (Pie Chart):  
   A pie chart provides a proportional representation of market capitalization by country. For instance, countries like Austria, Poland, and Mauritius have smaller market shares, whereas major players like Turkey hold around $3.5 billion.  
     
   Industry Insights:  
   Top 10 Industries by Market Cap:  
   The software sector leads, followed by industries such as consumer electronics, information technology, and scientific and technical instruments.  
     
   Bottom 5 Industries by Country Count:  
   Industries like computers, scientific, solar, and electronics appear at the lower end when analyzing the number of countries represented.  
     
   Geographical Insights:  
   The map shows the global distribution of market caps by country, with major technology hubs located in North America, Europe, and Asia.  
   The Country by Market Cap (Bar Chart) further emphasizes that the U.S. vastly outpaces other regions, with significant market caps in Taiwan, China, and Japan.  
     
   3) Conclusion:  
   This dashboard provides a clear visualization of the dominant role of the U.S. in the tech industry, both in terms of market cap and the number of companies. Other notable countries like Taiwan, China, and Japan also contribute substantially. In terms of industries, software and IT-related sectors lead globally.  
   This summary underscores the global landscape of technology companies and their market caps, offering valuable insights for strategic decision-making and market comparisons.