Data Analytics Test

1. **Which industries have the highest average profit margins, and how do they compare across regions?**

   o This would involve calculating *profit margin = Profit ($B) / Sales ($B)* by industry, then analyzing differences by geographical regions such as North America, Asia, and Europe.

2. **Is there a relationship between a company's assets and its market value, and does it vary by industry?**

   o You could use correlation analysis and scatter plots to see if high-asset companies also tend to have higher market valuations, and whether this pattern differs across sectors like Banking, Technology, and Energy.

3. **Which companies deliver the highest market value per dollar of sales, and what industries do they represent?**

   o This *Market Value-to-Sales ratio* can identify companies with strong brand equity, innovation, or market dominance, even with relatively lower revenue.

4. **What are the most and least profitable companies among the top 200 by ranking, and what drives these differences?**

   o Here you could compare profit levels and margins for the top 200 companies versus the rest, and explore whether size, industry, or region plays the biggest role.

5. **Which countries dominate in specific high-value metrics, such as total market value or total assets, and how concentrated is the global corporate landscape?**

   o This involves aggregation by country to see geographic concentration in corporate power (e.g., the share of total market value held by the US, China, Japan).