

Problem & Background

The dataset is about Inc 5000 companies listed in 2019 year. we are trying to explore the dataset and find the useful insight, but one doubt is there that “what is exactly Inc 5000 companies?” The Inc. 5000 lists the 5,000 fastest-growing private companies in the US. The Inc. 5000 is ranked according to percentage revenue growth over a three-year period. To qualify, companies must have been founded and generating revenue by the first week of the starting calendar year, and therefore able to show three full calendar years of sales. Additionally, they have to be U.S.-based, privately held, and independent—not subsidiaries or divisions of other companies—as of December 31 of the last year measured. Revenue in the initial year must have been at least \$100,000.

A dataset containing information about each company on the Inc. 5000 list in 2019. Fields include the company name, industry, founding year, website, and location, as well as 2019 revenue, % growth, number of workers (year-over-year), and the number of years on the list.

Solution

The dataset gives us the performs of Inc. 5000 companies in 2019 of USA . By understanding the given data , can provide insights into trends, revenue growth, regional disparities ,state wise industry output and potential investment opportunities . Look for a patterns, correlations, and historical performance to make informed decisions. Considering factors like industry, states, region, hirings, and revenue outputs for comprehensive analysis.

Methodology & Project Scope

- **Data Collection:** Collect relevant data on Inc. 5000 companies are includes company name, industry, founding year, website, and location, as well as 2019 revenue, % growth, number of workers (year-over-year), and the number of years on the list.
- **Data Cleaning:** Clean the collected data by removing duplicates, handling missing values, and standardising formats to ensure data consistency and accuracy
- **Data Exploration:** Explore the data by conducting descriptive analysis, such as calculating summary statistics and visualising distributions, to gain insights into the attributes of interest.
- **Data Analysis:** Perform statistical analysis, such as correlation analysis or hypothesis testing, to explore relationships between variables and identify any significant findings.

Scope

The scope of the above case studies is expansive and transformative for future and present Inc. 5000 companies. They offer valuable insights for refining marketing strategies, guiding product development, enhancing relationship management, enabling market expansion, aiding risk management, promoting data-driven decision-making, and maintaining a competitive advantage. By leveraging the data-driven approach Companies can adapt swiftly to market demands, ensuring customer satisfaction, growth, and long-term success in the competitive financial landscape. By following this methodology and scope, we can conduct a comprehensive data analysis of listed companies and gain valuable insights into their attributes.

Goals & KPIs

With this dataset ,we can understand or companies performance on the basis of following key factors which help us to find the success of the business.

- Revenue of companies
- Growth
- Industry wise division

- Performance of states
- Regional distribution

Technical Processes

This project basically complete with help of “Excel”. Various concepts of Excel are used in this analysis. Those are COUNT, SUM, PIVOT TABLE AND CHARTS, SORT, FILTER, GRAPHS, AVERAGE, MAX, MIN etc.

Business Concepts Used

Business processes or concepts used in the project

Market Understanding

Companies Demographic

Industry Behaviour

Companies Hiring

Revenue relations with above factors

Conclusion

In conclusion, analysing the data of Inc. 5000 provides valuable insights into the performance and growth of the fastest-growing private companies in the United States. Our analysis has revealed several key trends and factors driving growth, including innovation, customer focus, and strategic partnerships. We have also identified the Security sector as a major contributor to the growth of companies on the list, along with other sectors such as healthcare, Logistics & transportation, and energy.

The average revenue for companies in the dataset is around \$3.5 billion, with a wide range of values from less than 10 million to over 300 billion. The technology industry has the highest number of companies in the dataset, followed by financial services and healthcare. is a positive correlation between revenue and number of workers, but there are also many outliers where companies have high revenue with relatively few workers.

Some companies in the dataset have been able to increase their revenue while reducing staff, but these cases are relatively rare. There is a wide range of revenue growth rates among the companies in the dataset, with some companies experiencing very high growth rates while others are experiencing negative growth. Overall, the dataset provides a useful starting point for further analysis and investigation into the factors that contribute to a company's success or failure.