**Report on the of Financial Analytics**

**Introduction:**

Financial analytics involves the use of data analysis tools and techniques to assess and interpret financial data. It aims to provide insights into financial performance, facilitate decision-making, manage risks, and improve profitability.

**About Dataset:**

This data set has information on the market capitalization of the top 500 companies in India. Including Company Name, Market Capitalization in Crores, Quarterly Sales in Crores.

**Problem Statement:**

Without analyzing the competition, it is difficult for a business to survive.

So the task here is to analyze the competition for the management to provide better results.

**Steps On Analysis:**

1. Data understanding and Preprocessing.
2. Data Cleaning (Handling Missing Values).
3. Outliers Detection.
4. Identification of trends and patterns in data.
5. Data Visualization.

**Findings and Conclusion:**

1. In this project, we analyzed a dataset of approximately 500 records from leading companies in the market finance sector. The analysis identified the top 10 companies with the highest market capitalization and quarterly sales.
2. According to the data, Reliance Industries holds the highest market capitalization, followed by Tata Consultancy Services and HDFC Bank. In terms of quarterly sales, Indian Oil Corporation leads, with Reliance Industries and Tata Motors also ranking highly.
3. We found a strong relationship and positive correlation between market capitalization and quarterly sales. The linearity observed between these variables indicates that market capitalization directly influences quarterly sales.
4. In conclusion, companies with greater market capitalization are leading the competition, positioning themselves as significant competitors in the market.
5. The data shows that key competitors include service-based companies like Reliance Industries and Indian Oil Corporation, along with other major players such as Tata Motors, Tata Consultancy Services, and HDFC Bank.