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Financial Analytics

Sector-Wise Market Capitalization Analysis

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Introduction

Objective

- Analyze market capitalization and quarterly sales data for the top 500 companies in India.
- Visualize sector-wise market capitalization distribution.
- Provide insights for strategic financial decisions.

Tools Used

- Python (Pandas, Matplotlib)
- Power BI (for potential dashboard expansion)

Key Focus

- Identifying top performers.
- Analyzing sales efficiency and trends.
- Understanding market dominance.

Data Overview

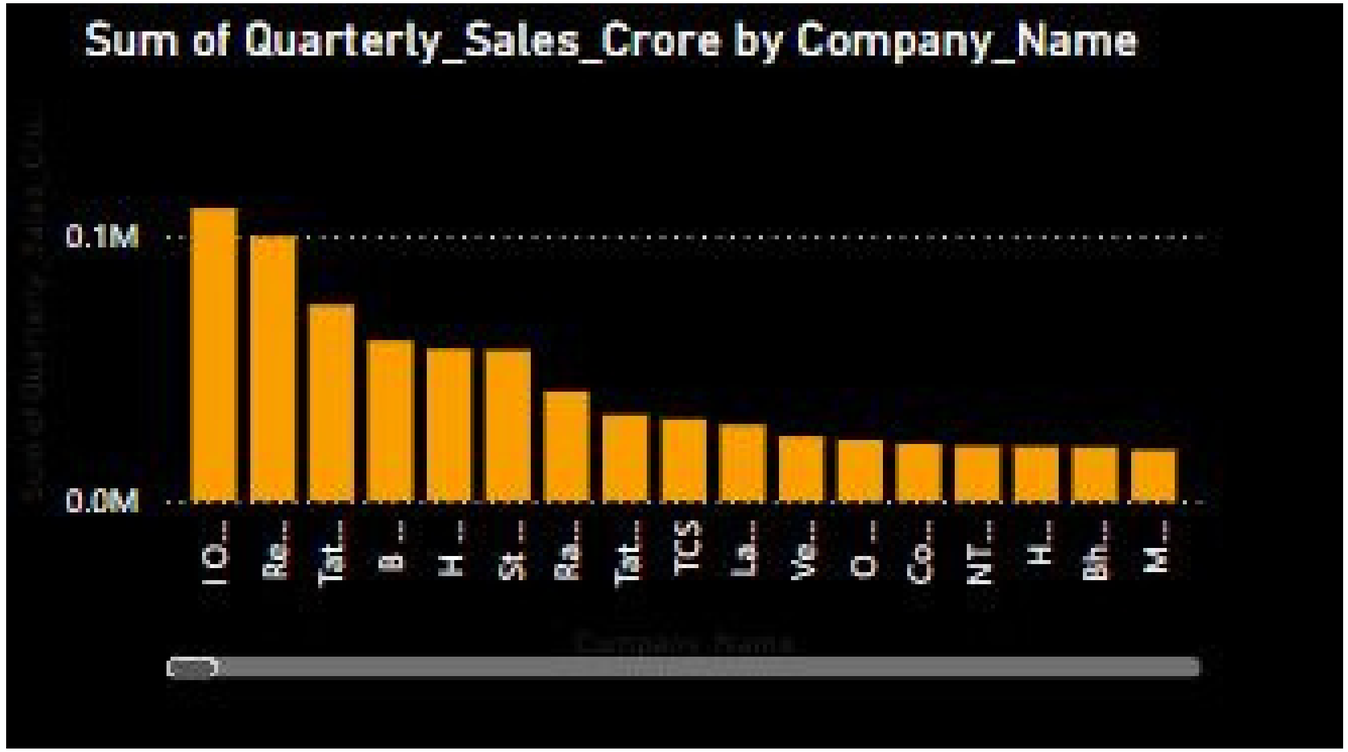
- Top 500 companies in India.
- Key columns: Company Name, Market Capitalization (in crores), Quarterly Sales (in crores).

Data Preparation

- Data Cleaning:
- Handled missing values and inconsistencies.
- Renamed columns for better understanding.
- Data Transformation:
- Grouped data by Sector.
- Calculated total market capitalization for each sector.

Companies by Market Capitalization

- Largest companies in terms of total market value.
- Clear market leaders in specific sectors.



Quarterly Sales Performance

- Visualization:
- Line Chart: Quarterly sales performance of top companies.
- Insights:
- Revenue trends across different companies.
- Identify companies with strong sales growth over time.
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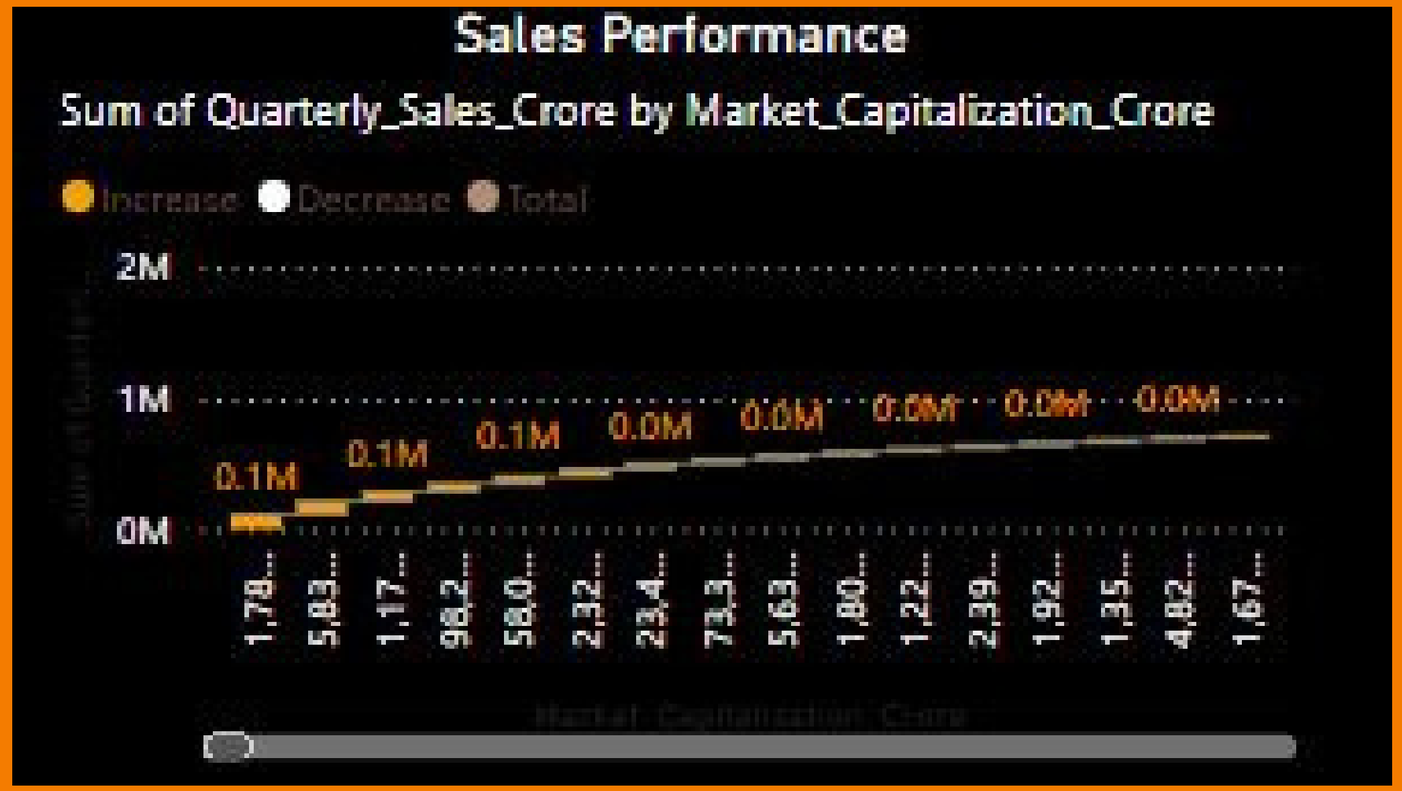
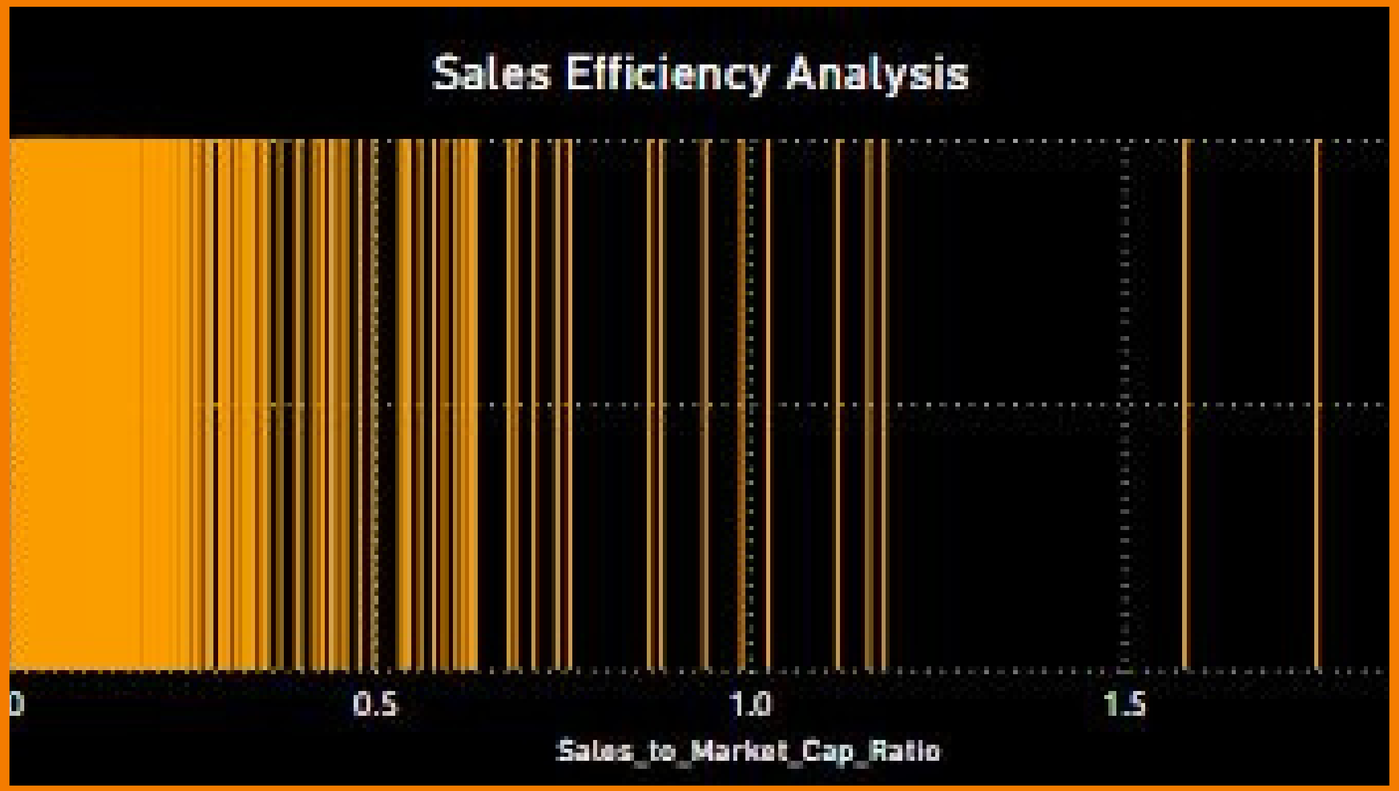


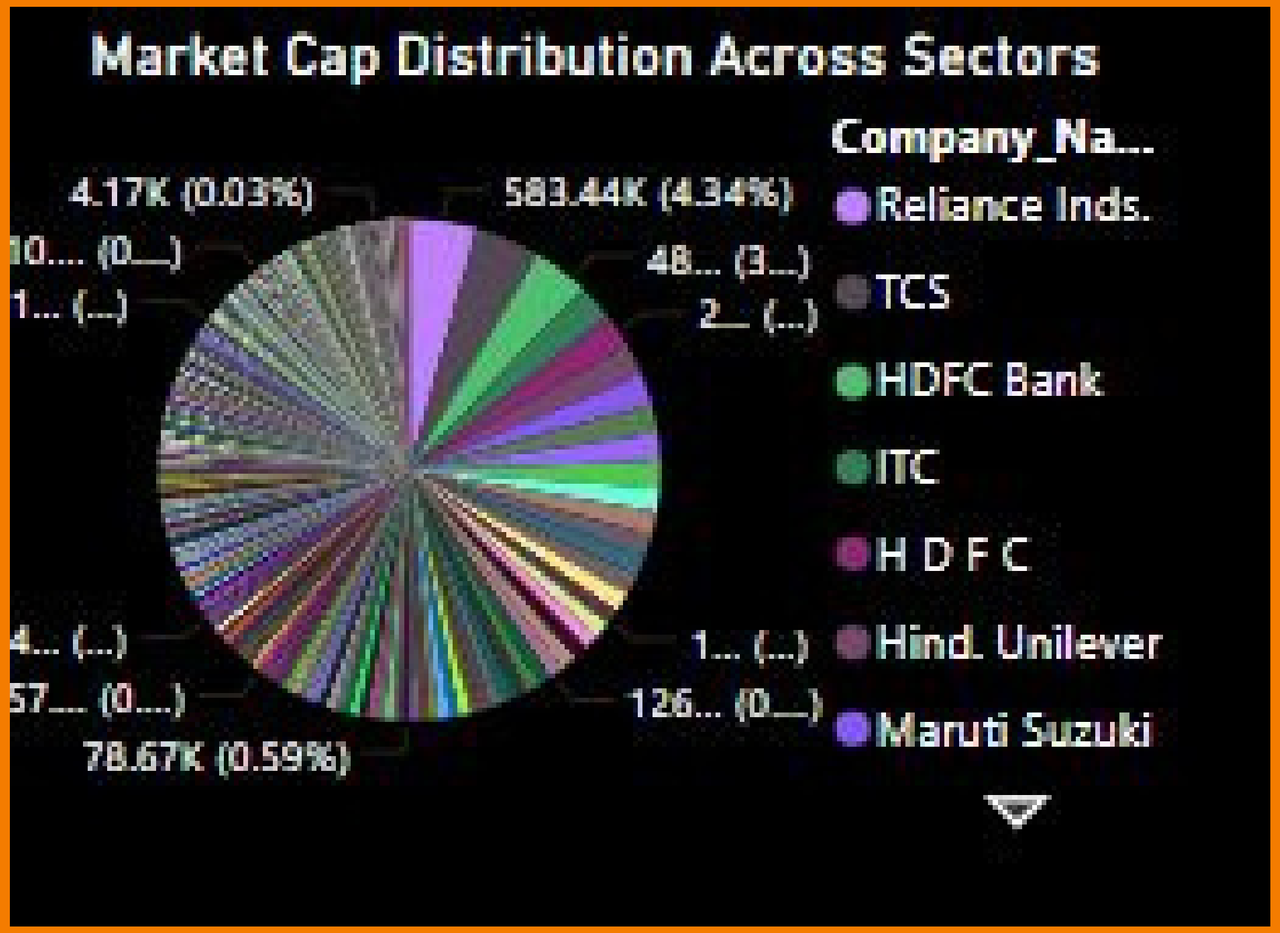
Sales Efficiency Analysis

- **Insights:**
- Companies generating higher sales relative to their market cap.
- Highlights potentially undervalued companies based on revenue efficiency.

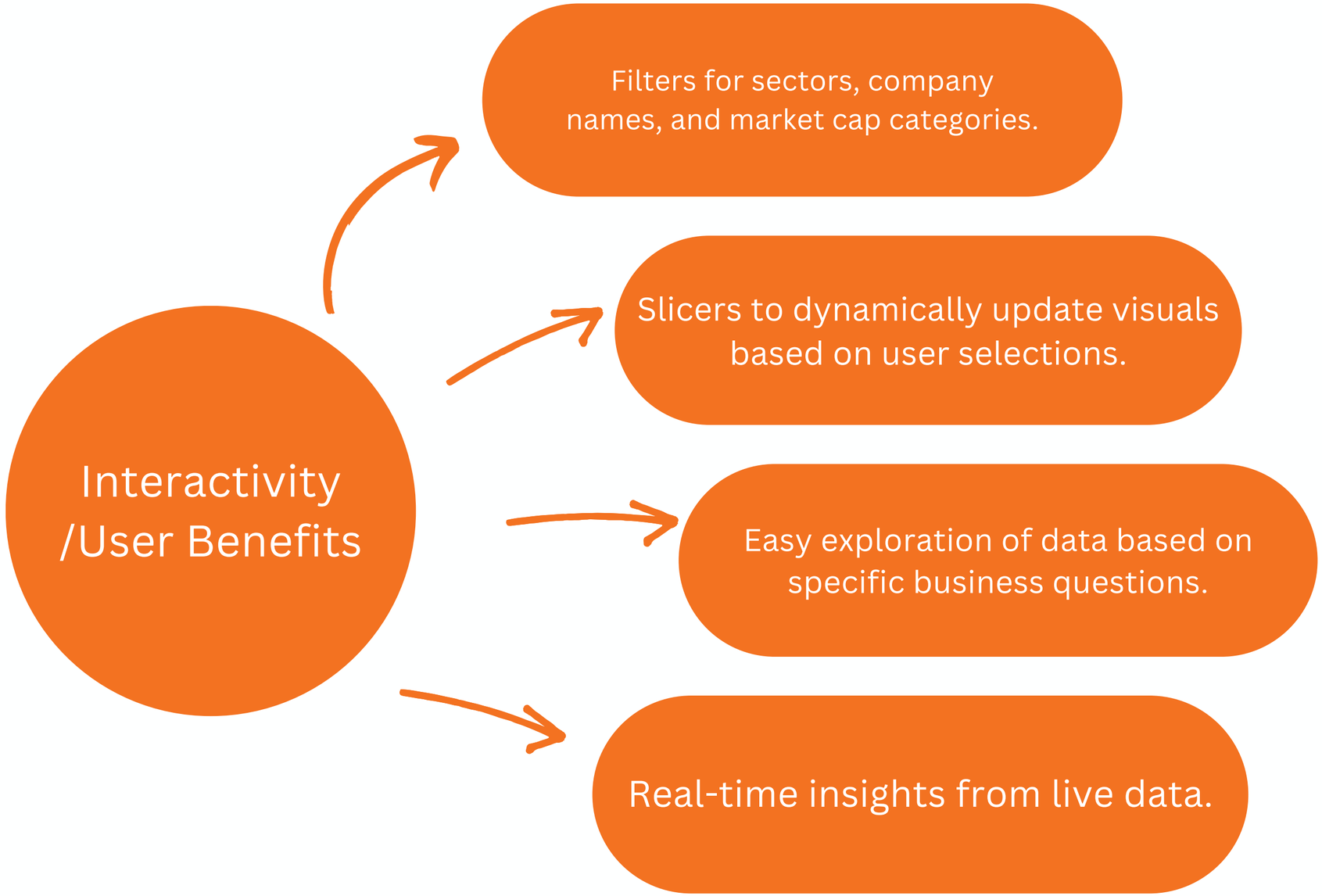


Sector-Wise Market Capitalization

- Dominant sectors in terms of market value.
- Contribution of various industries to overall market cap.



Interactive Features of Dashboard



CONCLUSION AND RECOMMENDATIONS

- Key Takeaways:
- Major players dominate the market but some smaller companies show strong sales efficiency.
- Significant growth opportunities in certain sectors.