

Financial Analytics

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Introduction

Purpose: Analyze competition among top Indian companies

Dataset: Market capitalization and quarterly sales of top Indian firms

Goal: Identify key metrics, factors, and relationships between attributes

Details of Data

Source: Financial Analytics data.csv

Columns:

- S.No. (Rank)
- Name (Company Name)
- Mar Cap - Crore (Market Capitalization in Crores)
- Sales Qtr - Crore (Quarterly Sales in Crores)

Number of companies analyzed: 500

Main KPIs

Top 10 Companies by Market Capitalization (in Crore):

1. Reliance Inds. (583,436.72)
2. TCS (563,709.84)
3. HDFC Bank (482,953.59)
4. ITC (320,985.27)
5. H D F C (289,497.37)
6. Hind. Unilever (288,265.26)
7. Maruti Suzuki (263,493.81)
8. Infosys (248,320.35)
9. O N G C (239,981.5)
10. St Bk of India (232,763.33)

Main KPIs

Industry Representation (Top 5):

1. Bank: 21 companies
2. Finance: 15 companies
3. Pharmaceuticals: 14 companies
4. IT: 8 companies
5. Auto: 7 companies

Market Capitalization Statistics:

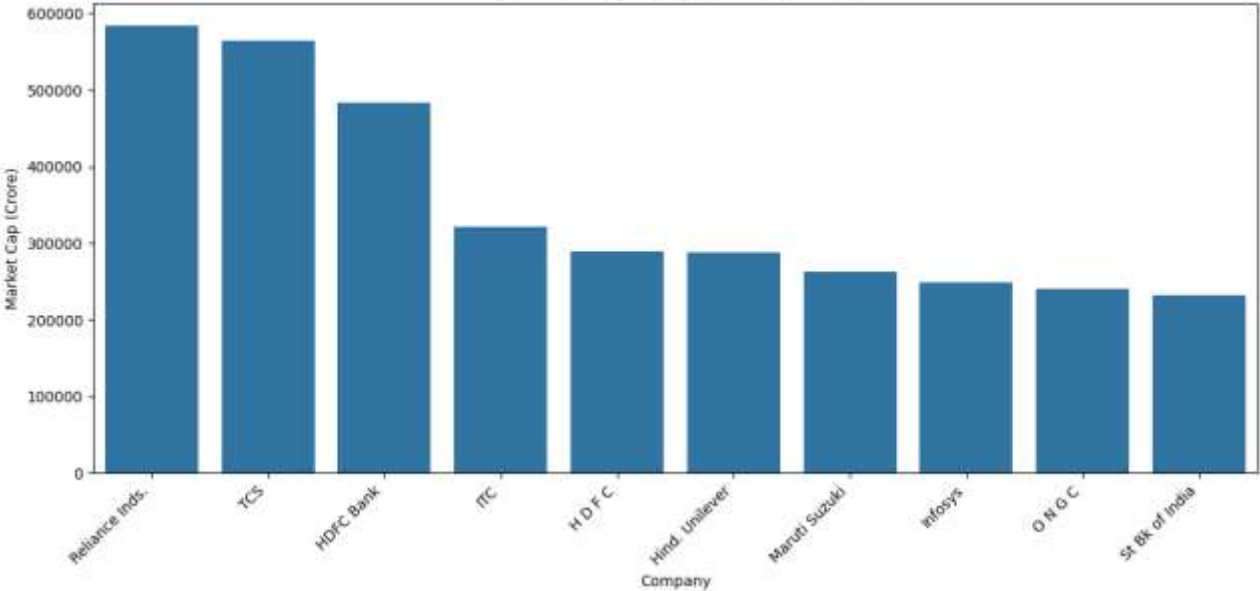
- Highest: Reliance Inds. (583,436.72 Crore)
- Lowest: L T Foods (3,017.07 Crore)
- Median: Approximately 16,000 Crore (based on the middle-ranked companies)

Quarterly Sales Statistics:

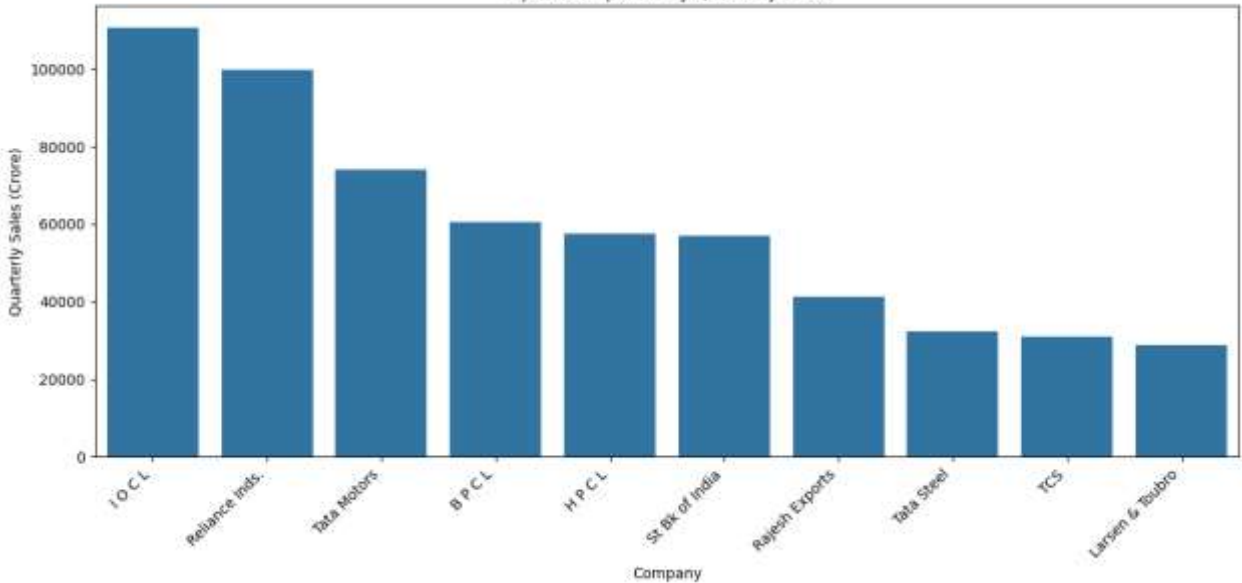
- Highest: I O C L (110,666.93 Crore)
- Lowest: SPARC (19.42 Crore)
- Wide range of values, from tens of thousands of crores to less than 100 crores

Analysis

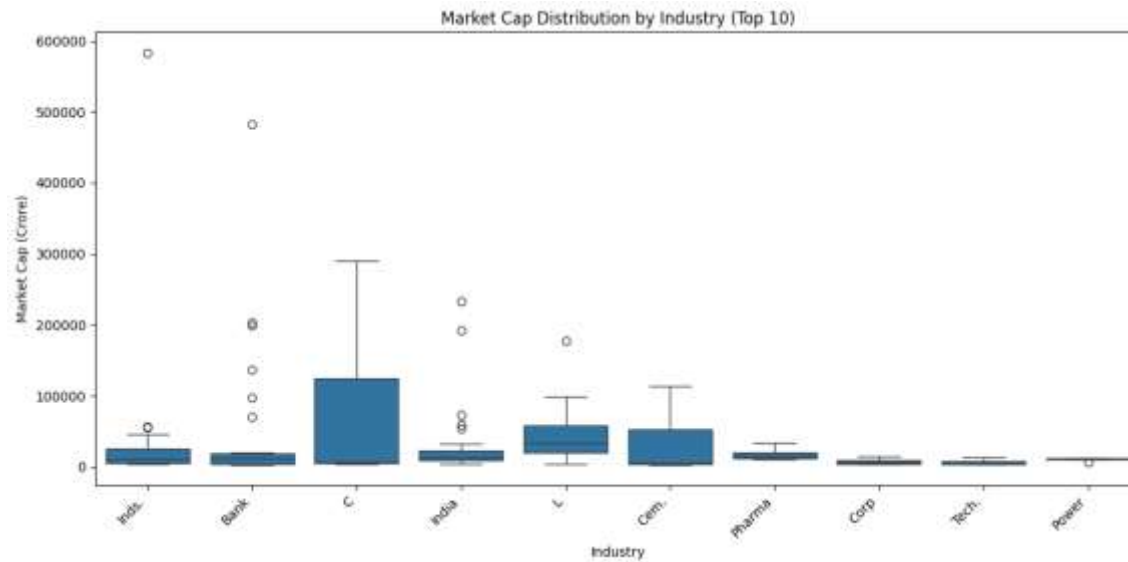
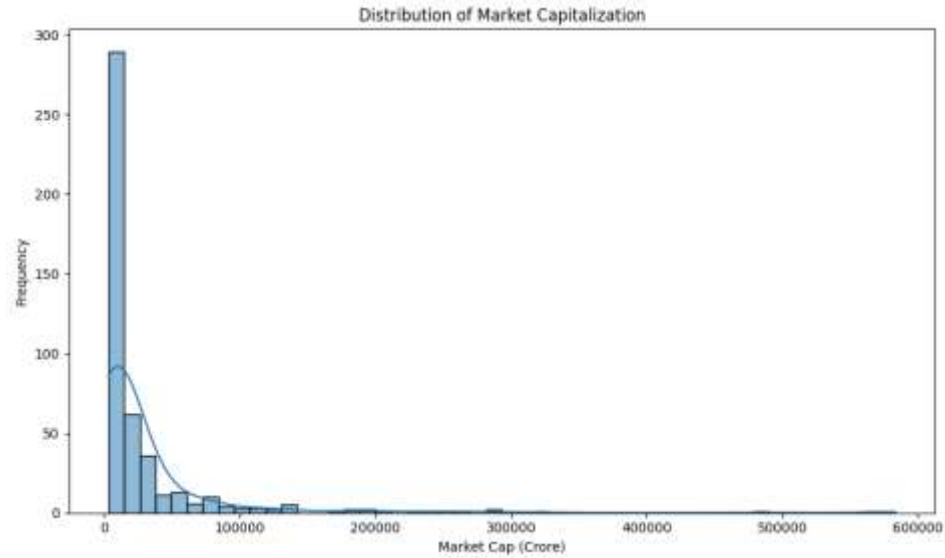
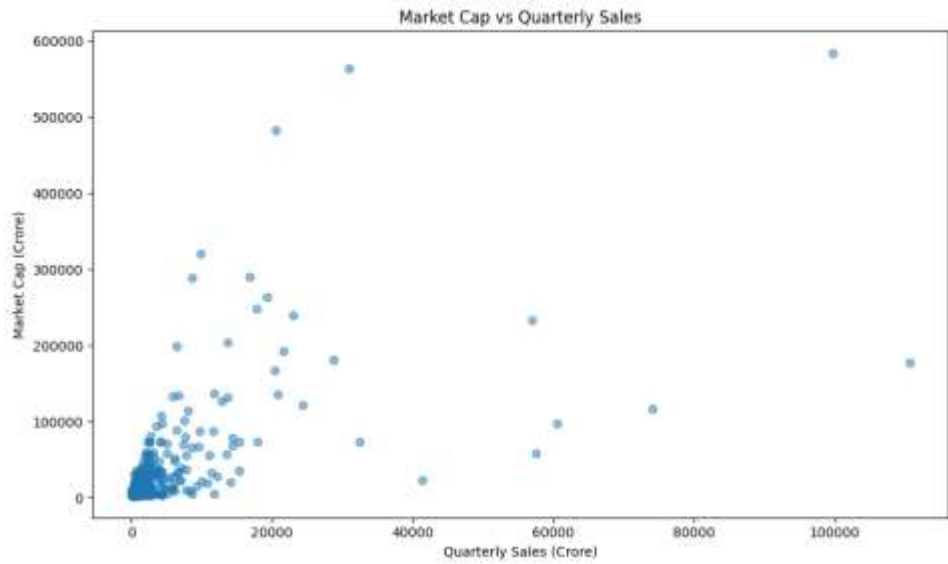
Top 10 Companies by Market Capitalization



Top 10 Companies by Quarterly Sales



Analysis



Key Findings

Market Concentration: The top 10 companies by market cap represent a significant portion of the total market value, indicating high concentration.

Sector Dominance:

- Banking and Finance: Strongly represented in both market cap and number of companies
- IT: High market caps (TCS, Infosys) despite lower representation
- Oil & Gas: Dominates in quarterly sales (IOCL, Reliance)

Market Leaders:

- Reliance Industries: 1st in market cap, 2nd in quarterly sales
- TCS: 2nd in market cap, but lower in quarterly sales, suggesting high valuation relative to revenue

Public vs Private Sector:

- Strong presence of public sector companies in top quarterly sales (IOCL, SBI, HPCL, BPCL)
- Private sector companies tend to have higher market caps

Industry Diversity:

- Wide range of industries represented, from traditional sectors (banking, oil & gas) to emerging ones (IT, pharmaceuticals)

Key Findings

Market Cap vs Sales Relationship:

- Some companies have high market caps but lower sales (e.g., TCS, HDFC Bank)
- Others have high sales but lower market caps (e.g., IOCL, HPCL)
- Suggests varying investor expectations and industry characteristics

Size Distribution:

- Wide range in both market cap and quarterly sales
- Likely a long-tail distribution with many smaller companies and few very large ones

Emerging Players: Presence of relatively newer companies (e.g., Avenue Supermarts) in top ranks suggests dynamic market conditions

Traditional Industries: Strong presence of traditional industries (auto, steel) among top companies by sales

Valuation Discrepancies: Significant differences in market cap to sales ratios across industries, suggesting varying growth expectations and profitability



Thank you