

# Financial Ratio Analysis of Tata Motors Limited

Rudranksh Kadbhane

Student

Indira School of Business Studies, PGDM

[Rudranksh.kadbhane@indiraisbs.ac.in](mailto:Rudranksh.kadbhane@indiraisbs.ac.in)

Prof. Mahesh Pol

Assistant Professor

Indira School of Business Studies, PGDM

[Mahesh.pol@indiraisbs.ac.in](mailto:Mahesh.pol@indiraisbs.ac.in)

## Abstract

This report presents a comprehensive financial ratio analysis of Tata Motors Limited, focusing on its performance in the automobile industry. The analysis aims to evaluate the company's financial health and operational efficiency through various financial ratios. The findings are based on data collected during a summer internship at Tata Motors, providing insights into the company's strengths and weaknesses in the competitive market.

## Introduction

The automobile industry is a critical sector in the global economy, and understanding the financial performance of key players is essential for stakeholders. This report is based on the summer internship project undertaken by Rudranksh Rajesh Kadbhane at Tata Motors Limited. The project aims to analyze the financial ratios of Tata Motors to assess its performance and identify areas for improvement.

## Objectives

The primary objectives of this study are:

1. To analyze the financial ratios of Tata Motors Limited over the past few years.
2. To evaluate the company's liquidity, profitability, and solvency.
3. To identify trends and patterns in the financial performance of Tata Motors.
4. To provide recommendations for enhancing financial performance based on the analysis.

## Literature Review

The literature review provides an overview of previous studies related to financial ratio analysis in the automobile industry. Key findings from relevant research include:

- Shinde Govind P. & Dubey Manisha (2011) conducted a study on the performance of various segments within the automobile industry, including a SWOT analysis of key players.

- Singh Amarjit & Gupta Vinod (2012) explored the Indian automobile industry as a manufacturing hub, highlighting challenges and innovations that impact financial performance.

This review establishes a foundation for the current study by identifying gaps in the literature and emphasizing the need for a focused analysis of Tata Motors' financial ratios.

### Project Description

The project involved a detailed analysis of Tata Motors' financial statements, focusing on key financial ratios such as:

- Liquidity Ratios: Current Ratio, Quick Ratio
- Profitability Ratios: Gross Profit Margin, Net Profit Margin, Return on Equity
- Solvency Ratios: Debt to Equity Ratio, Interest Coverage Ratio

Data was collected from the company's annual reports and financial statements for the last five years. The analysis aimed to provide a clear picture of Tata Motors' financial health and operational efficiency.

### Challenges & Limitations

Several challenges were encountered during the study:

- Data Availability: Accessing comprehensive and up-to-date financial data was sometimes difficult.
- Market Fluctuations: The volatile nature of the automobile industry can impact financial ratios, making it challenging to draw definitive conclusions.
- Scope of Analysis: The study focused solely on financial ratios, which may not capture the complete picture of the company's performance.

### Conclusion

The financial ratio analysis of Tata Motors Limited reveals important insights into the company's performance. While the company demonstrates strengths in certain areas, there are also opportunities for improvement. The findings of this report can serve as a basis for strategic decision-making and future research.

### References

1. Shinde, G. P., & Dubey, M. (2011). Performance Analysis of Key Players in the Automobile Industry. [Study Reference].
2. Singh, A., & Gupta, V. (2012). Overview of the Indian Automobile Industry: Challenges and Innovations. [Study Reference].
3. Tata Motors Limited. (Annual Reports). [Company Financial Data].

This report encapsulates the essential elements of the financial ratio analysis project, providing a structured overview of the research conducted during the internship.