



# Data Analytics–Driven Efficiency in Steel Manufacturing

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# The Challenge: Inefficiency in Steel Manufacturing

## Inefficient Processes

Inefficiencies in demand planning and forecasting, procurement challenges, and poor inventory management.

## Data Silos

Siloed processes with limited information sharing and outdated data leading to slow decision-making.

# Our Solution: Data Analytics for Enhanced Efficiency

## Data-Driven Transformation

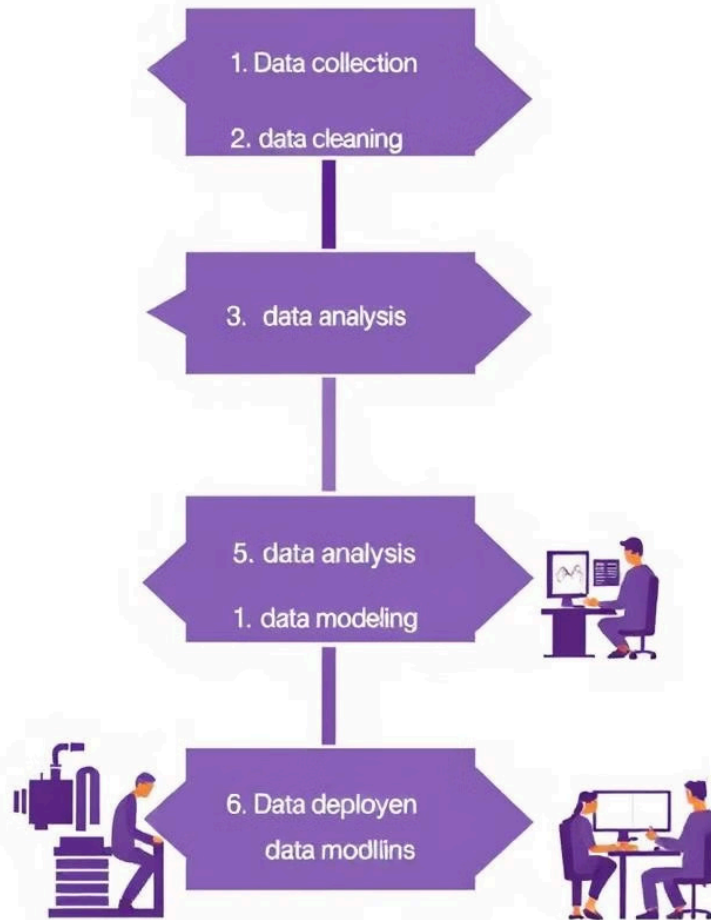
Advanced analytics applied to business stages, identifying critical value drivers and eliminating inefficiencies.

## Real-Time Information Flow

An integrated system linking all processes, enabling near real-time data sharing and collaboration.

# Data Analytics Implementation

広範なリソースを、複雑なプロセスを、迅速に実行する



## Implementation: A Data-Driven Approach

1

In-depth analytics on demand planning, procurement, and inventory management, identifying and eliminating inefficiencies.

2

Creating a streamlined system for information flow through rationalized processes and data integration.

# Impact: Significant Cost Savings & Efficiency Gains

## Cost Reduction

5-10% savings in individual processes and nearly 50% total savings across the business model.

## Efficiency Enhancement

Faster decision-making, enhanced collaboration, and increased process visibility.

# Beyond Steel: The Future of Data Analytics

Continue refining data analytics capabilities and expand real-time data integration across business areas.

Invest in advanced technology for predictive analytics to enhance decision-making and anticipate market trends.





# Key Takeaways: Data as a Strategic Asset

Data analytics and real-time information flow are key drivers of efficiency and cost savings.

An integrated approach ensures long-term scalability and profitability, unlocking the full potential of data-driven transformation.





# Next Steps: Building a Data-Driven Future

Schedule a follow-up meeting to discuss the implementation of data analytics solutions in your organization. Explore opportunities for collaboration and knowledge sharing.