RubiCube

Demand Forecasting
with ERP Data

A Case Study by
CI Global and RubiCube

Executive **Summary**

The case study explores the importance of demand forecasting in business, focusing on how RubiCube, an AI-powered tool, utilizes data from ERP systems to provide accurate predictions. By leveraging advanced analytics, machine learning, and visualizations, RubiCube enables businesses to anticipate market demand and optimize resources for operational efficiency

Goals

- Accurate demand prediction
- Data-driven decision making
- Improved operational efficiency
- Enhanced customer satisfaction
- Competitive advantage

Challenges

- Inaccurate demand projections affecting supply chains
- Data quality issues limiting predictive accuracy
- Limited scope in traditional analytics tools
- Lack of context in data analysis

Solution

RubiCube addresses these challenges by leveraging AI-powered algorithms, advanced analytics techniques, and intuitive data visualization tools to provide accurate demand forecasts and actionable insights.

Implementation

CI Global's team

Data collection and analysis: Gather relevant historical and real-time data from various sources.Model development: Build predictive models using AI algorithms and statistical techniques.Visualization and interpretation: Present results in clear and understandable visualizations.Integration: Integrate RubiCube into existing business systems for seamless workflow.Continuous refinement: Monitor and refine the models based on new data and changing market conditions.
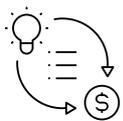
Key **Features**
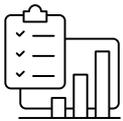
Accurate Demand Forecasting
RubiCube delivers highly accurate predictions (75-80%) based on historical data and current market trends.

Data-Driven Decision Making:
By visualizing market trends and patterns, RubiCube empowers businesses to make informed decisions about product development, marketing strategies, and resource allocation.

Enhanced Business Efficiency:
With a clear understanding of market needs and demand levels, businesses can optimize their operations, reduce costs, and improve overall efficiency.

Competitive Advantage:
RubiCube provides a competitive edge by enabling businesses to anticipate market changes and respond proactively to evolving customer preferences.

Results

Improved forecast accuracy and optimized inventory management Enhanced production planning and stock management Increased customer satisfaction & efficiency, reduced resource wastage Reduced costs and improved profitability 25+ pre-built dashboards for insights

Conclusion

RubiCube offers businesses a powerful tool for understanding market demand, making informed decisions, and achieving sustainable growth. By harnessing the power of AI and advanced analytics, RubiCube empowers businesses to stay ahead of the competition and drive success.

About CI Global

Since 1998, CI Global has been empowering businesses by providing comprehensive technology solutions, including ERP systems, product development, cloud transformation, and mobile app development. Our experienced team is dedicated to driving innovation, ensuring smooth transitions, and delivering projects on time. Whether you're modernizing your infrastructure or developing new software, we help you stay ahead in a rapidly evolving tech landscape.

25+ years of software product engineering | **1500+** product releases | **350+** customers across the world

About RubiCube

RubiCube is a versatile data analytics platform that seamlessly integrates with your existing systems like CRM, POS, and ERP, providing real-time insights and automating processes to resolve business complexities. With RubiCube, businesses can enhance decision-making, predict trends, and drive growth across industries.

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sales@rubicube.com   +91 - 9940241533