

Forecasting and AI Business Analyst

Mitsubishi Power Aero LLC - Glastonbury, CT

About Mitsubishi Power Aero LLC

Mitsubishi Power Aero LLC is headquartered in Glastonbury, Connecticut, USA, and is a group company of Mitsubishi Power Americas, Inc. Mitsubishi Power Aero is the OEM and the exclusive provider of aero-derivative gas turbine packages based on the advanced technology of Pratt & Whitney® proven aircraft engines. For over 60 years, Mitsubishi Power Aero products and services have been the innovative solutions that our global customers require to deliver reliable, affordable electricity to their consumers.

Our customers rely on us to offer a true partnership for the entire life cycle of their gas turbines and to provide the best advice, monitoring, upgrades, retrofits, and repairs available to keep their operations running smoothly. We offer a rare level of customization, hands-on service, and responsiveness. Speed, flexibility, and durability are hallmarks of our products and customer support, as well as our culture.

Mitsubishi Power Aero has installed more than 2,000 gas turbines in over 50 countries. Our portfolio of aero-derivative gas turbine engines offers competitive, efficient, and flexible products that generate 30 to 140 MW of power in peaking, baseload, and on-demand power applications. As the demand for power expands, and more intermittent sources of power are introduced to power grids, Mitsubishi Power Aero will continue to play a vital role in providing energy security to customers worldwide.

We integrate resources and create synergies with other Mitsubishi Power companies, allowing us to deliver optimized technical and commercial solutions. Customers respect our rich heritage as an innovator and value our financial stability as part of Mitsubishi Heavy Industries Group, a global leader in energy. Mitsubishi Power Aero cultivates the full potential of employees to advance engagement, personal growth, and organizational goals. Connect with us at aero.power.mhi.com or [LinkedIn](#).

The **Forecasting and AI Business Analyst** is a hands-on business analytics and digital transformation role responsible for improving aftermarket forecasting, spare parts planning, and operational decision-making through the effective use of enterprise data, artificial intelligence tools, analytics platforms, and enterprise business applications. The role partners closely with Materials, Engineering, Program Management, Service Operations, IT, and functional business teams to improve forecasting accuracy, automate workflows, and deliver actionable business insights.

Key Responsibilities

- Utilize AI-powered tools and analytics platforms to improve spare parts forecasting, inventory visibility, and aftermarket planning for FT8 and FT4000 engine programs.
- Build and maintain business applications, forms, dashboards, and data-entry interfaces using Microsoft Dynamics 365, Power Apps, Dataverse, and Power BI.

- Develop agentic workflows and business process automations using Microsoft technologies and other IT-approved AI, analytics, and automation platforms.
- Create interactive modules that enable users to update CRM data, monitor business performance, and trigger automated business processes.
- Analyze SAP and enterprise data including demand history, inventory levels, lead times, material master data, bills of material, and service demand trends.
- Generate dashboards, reports, and metrics supporting forecasting accuracy, service levels, inventory optimization, and risk management.
- Collaborate with business stakeholders and IT resources to define requirements and deploy scalable analytics solutions.
- Translate complex data into actionable recommendations for leadership and operational teams.
- Support continuous improvement initiatives by identifying opportunities to apply AI tools and workflow automation across aftermarket operations.

Required Qualifications

- Bachelor's degree in Data Analytics, Supply Chain, Business Analytics, Information Systems, Engineering, Operations Management, Computer Science, or related field.
- Minimum 3 years experience with data analysis, forecasting, reporting, and business intelligence tools.
- Working knowledge of Microsoft Dynamics 365, Power Apps, Dataverse, Power Automate, Power BI, Salesforce or similar business platforms
- SQL experience and ability to analyze structured business data.
- Strong communication and stakeholder engagement skills with the ability to explain analytical findings to non-technical audiences.
- Experience implementing or utilizing AI tools, AI agents, digital assistants, or workflow automation solutions.

Preferred Qualifications

- AI, analytics, or Microsoft Power Platform certifications are a plus.
- Experience supporting aftermarket service, spare parts, industrial equipment, aerospace, energy, or gas turbine operations.
- Experience applying predictive analytics, machine learning, or AI-enabled tools to improve forecasting, planning, or business decision-making.
- Knowledge of SAP S/4HANA, ECC, SAP BW, or related enterprise data environments.
- Experience with reliability analysis, lifecycle management, or maintenance planning.

Travel: Up to 10% domestic travel may be required.