

UBTI Integrates Investment Data for a Global Asset Management Firm

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WHO WE ARE



UB Technology Innovations is a leading provider of Power BI services, offering expertise in crafting exceptional dashboards. Our expertise assists clients in their digital transformation endeavors by streamlining the process and gaining a competitive advantage through rapid app deployment



WHAT WE DO

- Compliance and Security
- Enhance Productivity
- Improve Time to Market
- Reduce Operational Costs
- Maximize Profits
- Customer Experience



THE CLIENT

The client is a leading global investment management firm providing various financial products and services to individual and institutional investors. Their portfolio spans mutual funds, ETFs, interval funds, closed-end funds, and managed accounts, with a strong presence in fixed income, equities, and emerging markets. With a reputation for delivering consistent client-focused service, the firm continues to expand its platform with innovative offerings such as next-generation ETFs designed for greater agility in managing risk and maximizing income.



CHALLENGES

Large financial institutions usually depend on centralized trading platforms to manage information on trades, portfolios, and risks. Instead of checking multiple databases, users can rely on this single source to make investment decisions and confidently carry out compliance checks. However, for the platform to function correctly, data from source systems like Snowflake must be delivered quickly, securely, and without mistakes. This is where the client faced 3 specific challenges.

- **Lack of Automated Integration:** There was no automated mechanism to move large volumes of daily financial data from Snowflake into the trading platform. Teams had to rely on manual exports and uploads, which slowed down data availability for trading and reporting.
- **Time-Consuming Manual Processes:** Preparing, formatting, and uploading datasets manually took significant effort, thereby delaying timely information to traders and analysts.
- **Higher Chances of Human Errors:** Manual steps often led to mistakes such as missing records (some data not making it into the platform at all) and duplicate uploads (the same data being pushed twice). Both issues risked inaccurate reporting and confusion for decision-makers.





SOLUTION

To overcome these challenges, a secure and automated integration framework was implemented between the client's cloud data warehouse and their trading platform. The goal was to move all financial data securely, on time, and without any manual intervention:

- **UI Automation with Power Automate:** Microsoft Power Automate was chosen to schedule and manage how the data moves. The bot automatically extracts information from Snowflake on a scheduled basis, transforms it as needed, and loads it directly into the trading platform, eliminating manual exports and uploads.
- **Controlled Data Handling in Dataverse:** The validated data was stored in MS Dataverse. This provided a controlled and well-governed environment for handling the information before moving it further.
- **Smooth Delivery into the Trading Platform:** Once validated, the data was integrated into the trading platform in a structured format, where it became immediately available for reporting and decision-making.



SOLUTION BENEFITS

The data integration delivered both immediate and long-term advantages for the client's financial operations:

- **One Reliable Source:** All information from Snowflake now flows automatically into the trading platform, eliminating manual transfers and reducing the need for cross-checking across systems.
- **Improved Accuracy and Consistency:** Automated validation ensures data is complete, correct, and consistent before it is available for portfolio management, trade execution, and reporting.
- **Alignment with Strategic Architecture:** The integration supports the client's broader data strategy, preparing the firm to adopt advanced analytics in the future.
- **Scalable and Future-ready:** The setup can easily handle new data sources and adapt to future analytics tools without major redesign.

Conclusion:

The client needed a reliable way to move large volumes of financial data from Snowflake into their trading platform. Our Power Automate integration ensured that the process became faster, smoother, and aligned with modern cloud practices. With data now available in the trading platform, reporting is efficient while complying with regulations. The setup also positions the client to adopt advanced tools as market conditions change. UB Technology Innovations, Inc. continues supporting investment firms in adopting modern, cloud-driven data practices with data integration and intelligent automation.



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ABOUT US

UB Technology Innovations, Inc. (UBTI) is a leading global technology solution provider with over 3 decades of experience across all industries, specializing in Capital Markets (Asset Management), Logistics, and Healthcare. We are the preferred Microsoft Solutions Partner backed by a world-class team of Microsoft Certified experts with rich experience in Azure Cloud Platform and Data Analytics.



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