

Catalyst: Activate for Microsoft Azure Synapse Analytics + Power BI



According to Gartner, nearly 97% of data sits unused within organizations and 87% of organizations are classified as having low BI and analytics maturity. While organizations have aspirations to become data-driven, clearly they fall short as their current infrastructure is too complex, too slow, and just too expensive.



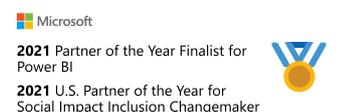
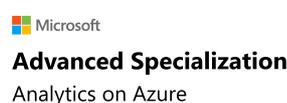
Get the best of analytics with an industry-leading combination of Azure Synapse and Power BI. Get unmatched time-to-insight with a limitless analytics service and combine it with an industry-leading business intelligence platform, all in a single management workspace with common security and governance.

85% of organizations leveraging Azure Analytics + Power BI report measurable benefits from having well-integrated analytics databases and storage, data management stack, and BI tools.

Accelerate your journey to building a modern analytics foundation

Get started with our *"think big, start small"* engagement to achieve tangible outcomes for both business and IT stakeholders and get a roadmap to achieving your data vision with Azure.

BlueGranite combines extensive analytics depth with industry experience to help you realize digital transformation



Our delivery process

Day 1-3



Assess: Analyze your current data infrastructure to understand gaps and blockers.



Envision: Understand your future state of data infrastructure and provide an overview of Azure capabilities.

Week 1-2



Deploy: Provision the Azure data services, set-up the data ingestion pipelines, and establish Azure Synapse zones.

Week 2-3



Visualize: Connect Power BI to Azure Synapse and iterate over targeted business use cases for analytics.

Week 4



Share: Present results of the pilot engagement.



Transfer: Give ownership of the end-to-end data ingestion to Power BI delivery solution, with repeatable pattern/process to expand on data volumes, refresh frequency, and use cases.



Next steps: Share the roadmap for full implementation, along with cost estimates for both Azure and implementation services.



Duration: 4-7 Weeks



Cost: \$45K to \$75K

Get in touch with us:

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Our recent customer story: Building a modern analytics platform for a multinational building material manufacturer

Situation

For the global manufacturer operating approx. 60 manufacturing plants and 30+ distribution centers, the COVID-19 pandemic increased the demand but put pressure on the supply chain and manufacturing operations. Their existing BI tools were not able to deliver timely insights and provide an integrated picture of the business operations.

Approach

BlueGranite leveraged its Catalyst framework to provide a rapid time-to-value towards overhauling the analytics ecosystem using Azure.

Solution



Analysis and Design

Define priority solution areas for an eventual cross-division Enterprise Semantic Layer.

Define BI requirements with business leaders and subject matter experts.



Landing Zone

Set-up Azure Data Lake landing zone and use BlueGranite's Hydrator utility to rapidly transfer the priority base data tables directly from the source systems.



Build

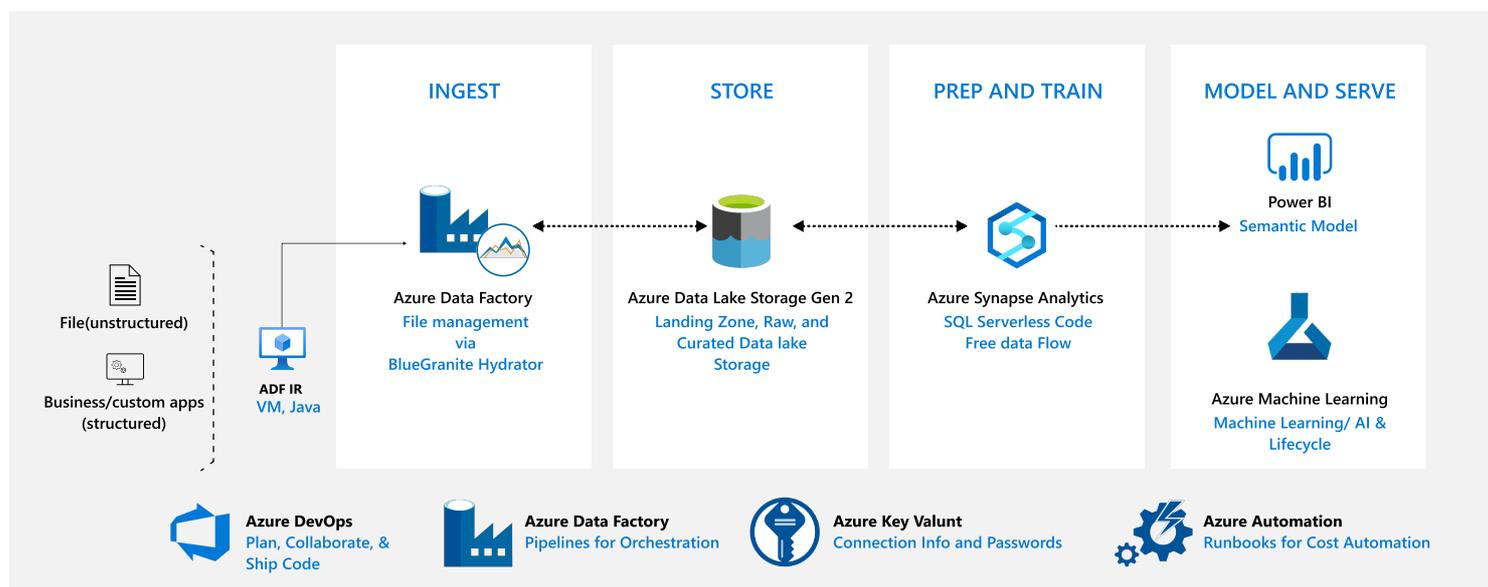
Configure ETL pipelines and curate the ingested data using Azure Synapse.

Develop high-priority reports using the new data lake source and distribute them using Power BI.



Train

Train the company's analysts on using the data lake sources and datasets for self-service.



Result

- Created **business reports within weeks**, as compared to months it took earlier.
- Delivered **immediate value** across procurement, production planning, and fleet management.
- Enabled the **iterative enhancement of metric definitions** within the BI report development process.
- Allowed analysts to access and enhance existing assets the **same day without any IT ticketing system**.

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