

Dominic Vicchiollo

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Summary

Senior Data Engineer with 10+ years delivering Microsoft Azure-based data platforms, ETL/ELT pipelines, and enterprise data warehouses, plus 6 years of leadership and management. Expert in pipeline orchestration, data modeling (star/snowflake), and data governance; hands-on with Azure Synapse, Data Factory, Functions, and ADLS Gen2. Integrates ERP/CRM/finance systems (Epicor Eclipse, NetSuite, Salesforce, Intacct) to produce curated datasets and Power BI for executive reporting, compliance analytics, and financial reconciliation. Known for cross-functional leadership, mentoring, cloud cost optimization, and secure, scalable designs (RBAC, RLS) that drive outcomes for Finance, Compliance, and Operations and HR.

Technical Skills

Languages & Tools

Python, SQL/T-SQL, HTML, Java
Git/GitHub, Excel (VBA, Power Pivot,
Power Query), JSON, YAML,
Shell/Bash, SSMS/SSIS, VSCode,
IntelliJ, Power Apps,
WinSCP/FileZilla, Postman

Cloud & Data Platforms

Azure Synapse Analytics (Serverless &
Dedicated Pools), Azure Data Factory,
Azure Functions (HTTP, Timer, Queue,
Durable), Azure Durable Orchestration,
ADLS Gen2, Azure Monitor &
Application Insights, AWS S3/SES,
Azure Key Vault, Azure DevOps

Data Engineering & Integration

ETL/ELT Pipeline Design, Data Lake
Architecture, External Tables,
Parquet/JSON/CSV, REST & SOAP APIs,
OAuth2, SFTP/FTP, Event-Driven
Processing, Data Modeling (Star Schema,
Snowflake Schema), Logging & Monitoring,
Orchestration & Scheduling, Cost
Optimization, M&A Data Migration

Data Governance & Security

Data Quality Frameworks, Metadata
Management, Audit & Compliance
Reporting, RBAC, RLS, System Migrations,
Change Control, Documentation Standards

Business Intelligence & Analytics

Power BI (DAX, Data Modeling, Semantic
Models, KPI Design, Row-Level Security
(RLS), Role-Based Access Control (RBAC)),
Executive Reporting, Self-Service Analytics,
KPI Frameworks, Financial, Compliance &
Operational Analytics, NetSuite, Salesforce,
Sage Intacct, Invoiced, Epicor Eclipse,
SharePoint

AI, Automation & Advanced Analytics

Prompt Engineering, Generative AI
(OpenAI, Azure AI Foundry), Web
Scraping, Power Apps Automation, AI-
Driven Reporting, Predictive Modeling
Foundations (scikit-learn, LSTM
prototyping)

Awards & Certifications

- GovDocs MVP (internal recognition for excellence) – 2024
- Phocas User Group Award, Innovation – 2021
- Advanced Microsoft Power BI Certification – 2018
- Sheboygan County Young Professionals Next Wave Award – 2015

Key Achievements

- Built and deployed an enterprise data lake (Azure Synapse over ADLS Gen2) that became the analytics backbone for a \$15–\$25M SaaS company; owned the end-to-end architecture and kept run costs under \$250 per month.
- Implemented a company-wide audit program at Dakota Supply Group that exposed freight errors and process gaps, reducing financial discrepancies and recovering approximately \$280K in recurring rebates annually.
- Delivered COVID workforce planning dashboards across 26 branches that linked hours to productivity, guiding targeted hour reductions and helping avoid layoffs.
- Established KPI frameworks, taxonomies, and semantic models for Operations, Finance, HR, and Compliance, aligning definitions and accelerating cross-department processes.
- Led multi-month cross-functional initiatives as the sole Senior Data Engineer; ran weekly stakeholder reviews and delivered C-suite reporting and measurable outcomes.

Experience

Senior Data Engineer — GovDocs

Dec 2024 – Present

- Designed and deployed Azure Function Apps with HTTP, Timer, Queue, and Durable Orchestration functions for automation, ETL, and Generative AI workflows.
- Integrated AWS S3 and SES for email delivery, customer communications, and automated reporting pipelines.
- Implemented advanced analytics integrations including web scraping, Power Apps automation, and AI-driven solutions (OpenAI + Microsoft AI Foundry) into Power BI reporting.
- Delivered curated Power BI datasets for Compliance Law analysis, Financial A/R validation, Ledger reconciliation, and multi-departmental reporting (serving 65+ employees).
- Built processes for logging, monitoring, and error handling in Azure Functions and Synapse, including Application Insights and Azure Monitor.
- Implemented governance practices including role-based access control (RBAC) and row-level security (RLS) across Power BI and Synapse datasets.
- Led multi-month cross-functional projects with weekly stakeholder updates and leadership-ready presentations.
- Served as a key component to syncing and validating company data through the organization's multiple system conversion project.

Data Engineer — GovDocs

May 2023 – Dec 2024

- Built and deployed Azure Data Lake Gen2 from scratch; designed architecture to integrate 9+ enterprise systems with no prior framework knowledge or guidance.
- Implemented multiple Synapse SQL Serverless databases and external tables & views over parquet files stored in ADLS Gen2 to support analytics, automation of curated datasets and customer facing data applications.
- Served as the backbone to a multiple system conversion, partnering cross-functionally between teams to deliver data validation and syncing between systems enabling consistency during system migrations.
- Engineered ETL/ELT pipelines for system conversions; migrated, validated, and synced ERP, CRM, and financial data between platforms.
- Established company-wide Power BI environment; developed dozens of Apps with interactive dashboards, reports, and retrieval systems for Legal Compliance, Finance, and Operations.

Business Intelligence & Data Manager — Dakota Supply Group

Nov 2020 – Apr 2023

- Engineered and operated ETL/ELT pipelines using SSMS/SQL, Python, SFTP, SSIS, and APIs to integrate enterprise data sources into curated datasets for analytics.
- Maintained BI platform (Power BI, EDA), building KPI-driven models and reports for executive and operational use; standardized datasets and semantic models for reuse.
- Managed database health and data quality across multi-terabyte SQL environments; implemented checks and documentation to improve reliability and performance.
- Participated in 24 system conversions supporting data workstreams, building BAQs/BPMs and migration routines; delivered post-acquisition reporting and reconciliations.
- Created a financial audit program for approximately \$185M in inventory that improved variance tracking and issue resolution, uncovered more than \$250K in unclaimed rebates annually, and exposed dozens of process gaps driving G/L leakage.

Business Process Analyst — Sonepar

May 2017 – Nov 2020

- Collaborated with leaders in creating operational KPI's and reporting in Power BI using SSMS SQL to create BAQ's
- Directed teams as a leader in multiple technology implementations including two distribution center RF conversions, cycle counting and delivery routing
- Partnered on multiple technology implementations (RF conversions, cycle counting, routing); instrumented data pipelines and reporting to support rollout and adoption.
- Delivered workforce planning dashboards during COVID, integrating HR and Ops data to support staffing decisions.
- Developed hundreds of pages of operational SOPs and flow charts supporting defined business processes post conversion.

Project Logistics Manager — Sonepar

May 2015 – May 2017

- Managed team of strategic logistic analysts developing BPMs, capacity planning, and executing corporate projects.
- Orchestrated building relocation and new warehouse setup of Project Logistics Center.
- Served as leader in ERP Conversion Team in Job Management, gaining exposure to SQL and Power BI through testing and process alignment.

Branch Operations Manager — Sonepar

May 2013 – May 2015

- Managed team of 17 individuals consisting of admins, sales and projects, as well as daily operations.
- Collaborated with sales and project teams on customer visits/calls in effort of market expansion opportunities.
- Coordinated and negotiated building lease and addition of 15,000 sq. ft. to warehouse.
- Planned and coordinated dozens of CEU classes, counter days, and all-day Tool Shows.
- Introduced KPI dashboards and documented SOPs/flows to improve compliance.

Technical Keywords

Azure Data Factory, Synapse Serverless, Data Lake Storage Gen2, Azure Functions, Message Queues, Azure Durable Orchestration Functions, Generative AI, Prompt Engineering ETL, ELT, SSIS, SSMS, Python, Pandas, Parquet, JSON, CSV, Orchestration, SFTP, REST API, OAuth2, Data Modeling, Star Schema, Snowflake Schema, Power BI, DAX, KPI, Data Quality, Logging, Monitoring, Scheduling, Version Control, M&A Data Migration, RBAC, RLS, Application Insights, Azure Monitor, Power Apps, Excel, OpenAI, GitHub, Epicor Eclipse, Netsuite, Salesforce, Sage Intacct, Invoiced, SharePoint, Data Automation, ADLS Gen2