

Dominic Vicchiollo

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Summary

Senior Data Engineer with 10+ years of experience building ETL/ELT pipelines, SQL data models, and Power BI analytics on Microsoft Azure, combined with 6 years of leadership and management experience. Skilled in cloud data engineering, including Azure Synapse SQL (serverless and dedicated pools), on-prem SQL servers, and cloud-native SQL environments. Experienced with Azure Data Factory, Azure Functions, ADLS Gen2 cloud storage, SFTP/API ingestion, and SSIS/SSMS. Proven record leading cloud migrations, integrating ERP/CRM/Financial systems, and delivering reliable datasets for Finance, Compliance, and Operations teams. Recognized for designing and implementing GovDocs' enterprise cloud data lake and scaling analytics and reporting for 65+ employees across multiple departments, as well as delivering Power BI reporting for

Core Skills

Leadership/Mentoring, Python, SQL/T-SQL, Azure Synapse Analytics, Azure Data Factory, Azure Function Apps, Azure Durable Functions, ADLS Gen2, AI Prompt Engineering, SSMS/SSIS, REST APIs & OAuth2, SFTP/FTP, Parquet/JSON/CSV, Data Modeling (Star/Snowflake), Power BI (DAX, Modeling), Git Hub, Version Control, Scheduling & Monitoring, KPI Design, Data Lake Design & Build, Financial/Sales/Operations Analytics

Tools & Platforms

Azure Synapse Analytics, Azure Data Factory, Azure Function Apps, ADLS Gen2, SSMS/SSIS, Python, Power BI, Epicor, EDA, WinSCP/FileZilla, Excel (Power Pivot, VBA/Macros), Azure AI Foundry, Netsuite, Salesforce, Sage Intacct, Invoiced, SharePoint

Certifications & Awards

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

Key Achievements

- Designed, developed, and executed the architecture and deployment of an enterprise cloud data lake platform using Azure Synapse SQL over ADLS Gen2, serving as the core analytics backbone for a \$15–25M SaaS company. While managing all data lake architecture, infrastructure and maintaining data lake costs under \$250/month.
- Implemented an enterprise audit program at Dakota Supply Group, identifying freight errors and process gaps that caused hundreds of thousands in financial discrepancies per year and uncovering \$280K in annual recurring unclaimed rebates.
- Developed Covid Workforce Planning reporting for executives and leaders across 26 branches allowing them to measure hours against productivity, giving insights and direction on where and how to cut working hours to avoid staff reductions resulting in zero layoffs during the pandemic.
- Developed KPI framework, taxonomies and modeling for Operations, Finance, Human resources and Compliance teams, aligning data definitions across departments and accelerating business processes.
- Led multi-month cross-functional projects as the sole senior data engineer, running weekly stakeholder touchpoints and delivering C-suite reporting and project status updates.

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 over ADLS Gen2 to support analytics and curated datasets.
- 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, HR, Finance, and Operations.
- Partnered cross-functionally to deliver analytics for executive leadership, ensuring data consistency during system migrations.

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 covering ~\$185M in inventory, improving variance tracking and issue resolution.

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